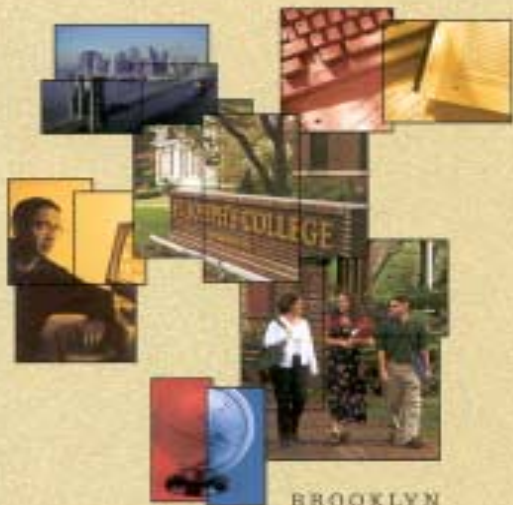


ST. JOSEPH'S COLLEGE



BROOKLYN
CAMPUS

1999 - 2001
COURSE CATALOGUE

St. Joseph's College

School of Arts and Sciences

Brooklyn Campus

1999-2001 Catalogue

**245 Clinton Avenue
Brooklyn, New York 11205-3688
(718) 636-6800**

STATEMENT OF COSTS 2000-01

A remittance of \$25 is payable when the application for admission is filed. The application fee is a service fee and is in no case returnable.

Annual Tuition and Fees

FULL-TIME STUDENTS

Tuition-July to June	\$9030.00 per year
College Fee	\$110 semester
Mandated Accident Insurance	\$5 per semester
Student Activities	\$92 per year*

*This fee is levied by the Student Council for the support of student organized activities.

PART-TIME STUDENTS

Tuition	\$290 per credit
College Fee	
1 to 7 credits	\$11 per credit
8 to 11 credits	\$82 per semester
Mandated Accident Insurance	\$5 per semester
Student Activities	\$20 per semester*

*This fee is levied by the Student Council for the support of student organized activities.

NON-MATRICULATED STUDENTS

(Taking less than 12 cts./semester; if more than 12 cts. see full-time student rates)

Total tuition charges and fees must be paid at registration.

Tuition	\$290 per credit
Registration Fee	\$20
Insurance Fee	\$5 per semester
College Fee	See Part-Time
Student Activities	See Part-Time

Special Fees

Laboratory fee	\$20-\$75 per course
(Bio, Chem, Physics, Computer, Psychology- Consult course listing for specific fee.)	
Graduation fee	\$125
Late Registration fee	\$25
Make-up examination fee	\$25
Change of program (each form)	\$20
Child Study Program fee	
(Junior Year-Second Term)	\$50
Transcript	\$5
Identification card	\$5
Parking Fee	\$50 per semester
(payment of this fee does not guarantee a spot)	
Tuition Extension Fee	\$25-100

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Notwithstanding anything contained in this catalogue, the College administration expressly reserves the right, where it deems advisable,

1. to change or modify its schedule of tuition and fees, and
2. to withdraw, cancel, reschedule or modify any course, program of study or degree, or any requirement in connection with any of the foregoing.

NOTICE OF NONDISCRIMINATORY POLICY AS TO STUDENTS

It is the policy of St. Joseph's College not to discriminate on the basis of race, color, religion, sex, national or ethnic origin, age, handicap, or marital status in its educational programs, admissions policies, employment policies, financial aid or other school administered programs. This policy is implemented in compliance with all applicable federal, state, and local statutes or regulations. Inquiries regarding this policy should be addressed to Compliance Coordinator, St. Joseph's College, 245 Clinton Ave., Brooklyn, NY 11205-3688.

St. Joseph's College

School of Arts and Sciences **Brooklyn Campus**
ACADEMIC CALENDAR 1999-2000

FALL SEMESTER Class periods will be 55 minutes (or 85/165 mins.)

Sept. 7	Orientation for Freshmen and Transfer Students
Sept. 8	Classes begin
Sept. 8-14	Late registration and 'program changes
Sept. 13	Investiture and Honors Convocation
Sept. 28	Last day to opt for Pass/No Credit
Oct. 11	Holiday-Columbus Day
Oct. 15	Last day to file for June 2000 Graduation
Oct. 18	Founders Day Lecture
Oct. 21	Midsemester C- reports filed with Dean
Oct. 28	Last day to withdraw from courses
Nov. 25-28	Thanksgiving Recess
Dec. 13	Last day of class
Dec. 14-22	Final Examinations
Jan. 14	Work for all incomplete courses from Fall term due in Registrar's Office

WINTER INTERSESSION

Dec. 24-Jan. 18	Winter Recess
Jan. 3-18	January Intercession courses
Jan. 17	Holiday-Martin Luther King, Jr. Day

SPRING SEMESTER Class periods will be 55 minutes (or 85/165 mins.)

Jan. 19	Classes begin
Jan. 19-25	Late registration and program changes
Feb. 8	Last day to opt for Pass/No Credit
Feb. 21	Holiday-President's Day
Feb. 23	Make-up examinations for Fall semester
Mar. 1	Midsemester C- reports filed with Dean
Mar. 8	Last day to withdraw from courses
Mar. 13-17	Spring Recess
Apr. 20-23	Easter Recess
May 2	Last day of class
May 3	Study Day
May 4-12	Final Examinations
	Commencements
May 27	Suffolk Campus
June 1	Adult and Professional Education, Brooklyn
June 2	Arts and Sciences, Brooklyn
June 16	Work for all incomplete courses from Spring term due in Registrar's Office
July 12	Make-up examinations for Spring semester

SUMMER SESSION Dates to be announced

St. Joseph's College

School of Arts and Sciences Brooklyn Campus
ACADEMIC CALENDAR 2000-01

FALL SEMESTER Class periods will be 55 minutes (or 85/165 mins.)

Sept. 5	Orientation for Freshmen and Transfer Students
Sept. 6	Classes begin
Sept. 6-12	Late registration and program changes
Sept. 11	investiture and Honors Convocation
Sept. 26	Last day to opt for Pass/No Credit
Oct. 9	Holiday-Columbus Day
Oct. 15	Last day to file for June 2001 Graduation
Oct. 16	Founders Day Lecture
Oct. 19	Midsemester C- reports filed with Dean
Oct. 26	Last day to withdraw from courses
Nov. 23-26	Thanksgiving Recess
Dec. 11	Last day of class
Dec. 12	Study Day
Dec. 13-21	Final Examinations (Dec. 22-Snow day if needed)
Jan. 16	Work for all incomplete courses from Fall term due in Registrar's Office

WINTER INTERSESSION

Dec. 23-Jan. 16	Winter Recess
Jan. 2-16	January Intercession courses
Jan. 15	Holiday-Martin Luther King, Jr. Day

SPRING SEMESTER Class periods will be 55 minutes (or 85/165 mins.)

Jan. 18	Classes begin
Jan. 18-24	Late registration and program changes
Feb. 7	Last day to opt for Pass/No Credit
Feb. 19	Holiday-President's Day
Feb. 22	Make-up examinations for Fall semester
Feb. 28	Midsemester C- reports filed with Dean
Mar. 7	Last day to withdraw from courses
Mar. 15-16	College closed
Apr. 9-15	Spring Recess
May 2	Last day of class
May 3	Study Day
May 4-14	Final Examinations Commencements
May 31	Adult and Professional Education, Brooklyn
June 1	Arts and Sciences, Brooklyn
June 2	Suffolk Campus
June 15	Work for all incomplete courses from Spring term due in Registrar's Office
July 11	Make-up examinations for Spring semester

SUMMER SESSION Dates to be announced

ACADEMIC PROGRAMS - Students should consult with their major department advisors to obtain information about any academic changes occurring in 2000-01.

THE COLLEGE

MISSION AND GOALS OF ST. JOSEPH'S COLLEGE

The mission of St. Joseph's College is to provide a strong academic and value-oriented education at the undergraduate and graduate levels, rooted in a liberal arts tradition that supports provision for career preparation and enhancement. The College aims in this way to prepare each student for a life characterized by integrity, intellectual and spiritual values, social responsibility, and service—a life that is worthy of the College's motto, *Esse non videri*: "To be and not to seem."

Independent and coeducational, St. Joseph's College provides affordable private education that serves a diverse population of academically eligible students who live within commuting distance of either the Brooklyn or Suffolk Campus.

St. Joseph's College affirms the dignity, freedom, and inherent value of each person. This affirmation is realized through a student-centered environment wherein the faculty's primary commitment is to excellence in teaching. In this open, supportive atmosphere, students are challenged to develop their full potential and are encouraged to acquire a spirit of inquiry and a joy in learning.

To accomplish this mission, St. Joseph's College has established the following goals:

- to offer curricula that foster the knowledge and intellectual skills associated with the liberally educated person;
- to encourage students to develop personal value systems, responsible self-direction, and committed participation in the local and global communities;
- to help students develop as whole persons by providing individual attention, interactive teaching, and opportunities for active participation in academic and extracurricular programs;
- to prepare students for their careers by offering the necessary professional and pre-professional education;
- to provide for the needs of a diversified student population with varied educational and professional experiences;
- to foster an environment of openness to the exploration and understanding of diverse ideas, traditions and cultures;
- to support educational programs and services that will contribute to the vitality of the communities served by the Brooklyn and Suffolk Campuses.

HISTORY

Chartered by the Regents of the University of the State of New York on February 24, 1916, St. Joseph's College for Women, as it was then known, held its first classes at 286 Washington Avenue, located in the Clinton Hill section of Brooklyn. Two years later, having outgrown its original facility, the College moved to the present site of the main campus at 245 Clinton Avenue in Brooklyn. In recognition of its evident success, stability and soundness of program, the Regents granted St. Joseph's College an Absolute Charter in 1929. Reverend William T. Dillon, J.D., Professor of Philosophy, Dean of the College, and later its President, guided its growth during the significant years that followed. The College was accredited in 1928 by the Commission on Higher Education of the Middle States Association of Colleges and Secondary Schools. Maintaining high standards of academic excellence, professional competence, and a notable spirit of community service, the College drew increasing numbers of young women. Having pioneered in the study of Child Development, St. Joseph's opened a laboratory pre-school in 1934.

Sister Vincent Therese Tuohy assumed the presidency in 1956. Under her leadership, the long-term development program for the College was concretized in the erection of two facilities. McEntegart Hall, a multi-functional building housing the library and classrooms, was opened in 1965; the Dillon Child Study Center followed in 1968.

Sister George Aquin O'Connor was elected President and assumed responsibility on July 1, 1969. In 1970, a Charter amendment changed the name to St. Joseph's College, New York and enabled the College to admit the first men students to full matriculation. On February 2, 1971, St. Joseph's College inaugurated an extension program in the collegiate center formerly known as Brentwood College, and moved to develop a degree program in Brentwood oriented to the third and fourth years of college. This Upper Division baccalaureate program opened in September, 1972, and the Board of Regents of the State of New York authorized St. Joseph's College to join C.W. Post Center, L.I.U., in a Coordinate Campus program, the first such pattern adopted in the State. In 1976 on petition of the Trustees, this Suffolk County operation was authorized by the Regents to operate as a branch campus of St. Joseph's College. In 1978 St. Joseph's College expanded its operation at the Suffolk Branch Campus to a full four-year program, and in 1979 moved to a new twenty-five acre lake-side campus in Patchogue.

A continuing education program, which over many years had provided courses for adults on a non-matriculated basis, in the early 1970's developed a more clearly defined program for non-traditional and/or career-oriented adults interested in earning a degree. In April 1974, the College registered with the New York State Education Department the

Bachelor of Science in General Studies. This program and additional programs designed for adult professionals were administered by the Division of General Studies, with courses offered in Brooklyn, at the Suffolk Branch, and at the extension sites.

An upper division Nursing Program was registered by the New York State Education Department in 1986, and received accreditation by the National League for Nursing in 1991.

In Fall 1994, an accelerated Weekend College, administered by the Division of General Studies, was inaugurated at the Suffolk Campus.

In 1995, the College introduced its first masters program, a Master of Arts in Infant-Toddler Therapeutic Education, at the Suffolk Campus.

On June 30, 1997 Sister George Aquin O'Connor resigned as president. She was succeeded by Sister Elizabeth A. Hill, M.A., J.D. on July 1, 1997.

In September, 1999, a Master of Science in Management was introduced at both campuses. Effective June 1999, the Division of General Studies was renamed the School of Adult and Professional Education. The College of Arts and Sciences will be referred to as the School of Arts and Sciences.

LOCATION

St. Joseph's College has two campuses: the main campus is located in the residential Clinton Hill section of Brooklyn, and the Suffolk branch campus is located in Patchogue, Long Island.

The Main Campus: St. Joseph's College, as an urban college with a campus, offers easy access to all transit lines, to the Long Island Expressway, to all bridges in Brooklyn, Manhattan, and Queens, as well as to the Verrazano-Narrows Bridge to Staten Island. This convenient location brings students from every part of the Greater New York Metropolitan area to the College each day, where they enjoy the freedom of campus life while profiting from the many cultural advantages of New York City. Within the space of one half hour, students leaving St. Joseph's College may find themselves in the Metropolitan Museum of Art, the 42nd Street Library, Carnegie Hall and Lincoln Center, the Broadway theatre district, Madison Square Garden, or Shea Stadium.

The College itself stands in the center of one of the nation's most diversified academic communities, consisting of six colleges and universities within a two-mile radius of each other. St. Joseph's College offers its students easy access to the other colleges and such cultural facilities as the Brooklyn Academy of Music, the Brooklyn Public Library, and the Brooklyn Museum of Art.

The Suffolk Campus: St. Joseph's branch campus is located in Patchogue. The twenty-five acre campus is bounded on the south by West Roe Boulevard and on the north by Sunrise Highway. It is easily accessible from the south shore locations via Southern State., Sunrise Highway (Exit 52), and from central and northern Long Island via Veterans Highway, Patchogue-Holbrook Road, Nichols Road or Route 112.

FACILITIES-BROOKLYN CAMPUS

The Administration Building-Sister Vincent Therese Hall

Named in memory of a late President of the College, the Administration Building contains student lounges, classrooms, an auditorium, computer facilities, student government offices, the gymnasium, and administrative offices. The chemistry and physics laboratories, and the art studio are the third floor.

"245 Building"

This beautiful Federal-style building contains formal parlors, a formal dining room, a chapel, student lounge and kitchen, and the biology instructional and research laboratories. Parts of the second and third floors are reserved for faculty residence.

256 Clinton Avenue

This five story building houses the Development and College Relations Office, the Alumni Office, several academic department offices, the Psychology Laboratory, and the Office of Campus Ministry. A beautiful garden, located behind 256, provides space for alumni reunions, student gatherings, and receptions.

Lorenzo Hall

Lorenzo Hall, located at 265 Clinton Avenue, provides office space for academic departments. Furnished with departmental libraries, the offices are frequently used for department conferences and informal discussions. The administrative offices of the School of Adult and Profession Education are situated in this center.

McEntegart Hall

McEntegart Hall is a fully air conditioned five-level structure. Four spacious reading areas with a capacity for 300, including individual study carrels and shelf space for 200,000 volumes on four stack levels, provide an excellent environment for research. In addition, McEntegart Hall houses the college archives, a curriculum library, three computer laboratories, a nursing education laboratory, a special audio-visual room with a large seating capacity for group viewing and a video conference room. There are eight classrooms, a chapel, dining areas, a faculty study, and faculty and student lounges. The library collection includes more than 118,000 volumes, 4,000 reels of microfilm, 4,000 sound recordings, 300 videos, and subscriptions to 450 journals and newspapers. The CD-ROM indexes include Academic Abstracts, ERIC and CINAHL which allow students to search electronically for specific journal topics. Membership in Academic Libraries of Brooklyn (ALB) and METRO gives students access to libraries throughout the city and provides resource sharing on a regional basis. Full membership in the international bibliographic utility, OCLC, and a direct Internet connection

allow limitless access to available information. An interlibrary delivery system and the use of computer and Fax technology facilitate the use of resources needed by students and faculty.

Computer facilities

In 1998-99, a high-speed fiber optic intra-campus network was developed to connect all offices, instructional facilities, computer laboratories and libraries on both the Brooklyn and Patchogue campuses. The network provides Internet access to all students, faculty and staff.

In 1999, an integrated online library system was installed to enable students to search for and check out books at either campus, as well as access online databases and other electronic information sources.

Dillon Child Study Center

This Center, an enduring memorial to Monsignor William T. Dillon, late President of the College and founder of the Child Study Department and its Laboratory Preschool, opened in 1968.

The first floor of the Dillon Center contains the offices of the Director, the school nurse, staff offices and a conference room. The Center's preschool inclusion class with observation room and a multi-purpose room are also located on the first floor. Two preschool classrooms and Kindergarten room, each with its own observation booth, are located on the second floor, as well as Speech Department and staff offices with additional rooms for therapy, computer and library resources.

These facilities make possible increased service to the community. Local public and private schools send children to St. Joseph's for testing and consultation.

The Center provides for an enrollment of approximately 100 preschool children. The Center also facilitates the growth of auxiliary programs and inter-institutional cooperation with nursing schools, colleges, and other educational agencies.

The Outdoor Theatre

Overlooking the Mall is the Molloy Memorial Outdoor Theatre, site of commencement ceremonies.

Suffolk Branch Campus, Patchogue, Long Island

For full description of Long Island Campus facilities, see Suffolk Branch Campus Catalogue.

ACCREDITATION AND MEMBERSHIPS

Accreditation

The College is accredited by the following:

Commission on Higher Education, Middle States Association of
Colleges and Schools
3624 Market Street
Philadelphia, PA 19104
215-662-5606

National League for Nursing Accrediting Commission
61 Broadway
New York, New York 10006
212-363-5555 Ext. 153

The College's programs are registered with the

New York State Education Department
Office of Higher Education and the Professions
Cultural Education Center, Room 5B28
Albany, New York 12230 - 518-474-5851

The College's programs are approved by the New York
State Education Department for the training of veterans.

Membership

The College is a member of many associations, including the following:

American Council on Education
Association of American Colleges and Universities
College Entrance Examination Board
Commission on Independent Colleges and Universities, State of
New York
Council for Adult and Experiential Learning
Long Island Regional Advisory Council on Higher Education
National Association of College and University Business Officers
National League for Nursing

ADMISSIONS AND FINANCES

It is the policy of St. Joseph's College not to discriminate on the basis of race, color, religion, sex, national or ethnic origin, age, handicap or marital status in its educational programs, admissions policies, employment policies, financial aid or other school administered programs. This policy is implemented in compliance with Title IX of the Education Amendments of 1972, Title VI of the Civil Rights Act of 1964 and Section 504 of the Rehabilitation Act of 1973.

APPLICATION PROCEDURE FOR SECONDARY SCHOOL STUDENTS

Application forms for Fall and Spring semesters may be obtained from the Director of Admissions. Students in secondary school should make application preferably in their seventh semester. The application is not complete until the following credentials have been received by the Director of Admissions:

1. secondary school transcript
2. results of the Scholastic Assessment Test administered by the Educational Testing Service of the College Board or ACT (American College Testing) results.

Although a personal interview may not be required as part of the admissions procedure, candidates are encouraged to arrange for an interview with a member of the admissions staff. Such appointments can be made through the Admissions Office, which is open from 9-5 on weekdays during the academic year.

ADMISSION REQUIREMENTS

Admission to St. Joseph's College is an individualized process that utilizes standardized test scores in addition to a comprehensive review of high school performance and recommendations.

Admission decisions are based on:

1. *evidence of completion of approved high school program or Equivalency Diploma*
2. *record of subjects and grades indicating academic potential for college success*
3. *satisfactory SAT scores.*

APPLICANTS FOR SCHOLARSHIPS AND AWARDS

High School Seniors: For scholarship consideration, the College requires that all forms (SJC application, high school transcript, and SAT results). be received by the Admissions Office before March 15 for the Fall semester and January 1 for the Spring semester.

SECONDARY SCHOOL REQUIREMENTS

The basic requirements for admission of candidates who have followed a four-year course in an accredited secondary school are listed in the following table. A unit signifies any subject pursued four or five times a week for one scholastic year.

<i>Prescribed Units</i>	
English	4
Foreign Languages	2
Mathematics	3
Social Studies	4
Science	2
Electives	3

Electives

Credit will be given for additional work in history, science, mathematics, languages, and accredited courses in music, art, speech, and business subjects.

Mathematics Requirement

While three years of college preparatory mathematics are required for admission, four years of college preparatory mathematics are suggested

for those who plan to major in mathematics, chemistry, biology, business administration, and for premedical students.

Language Requirement

The College sets as its standard two years of study in a foreign language. Three units of study in foreign languages are advisable for those students who wish to major in a foreign language. Latin is acceptable as one of the languages for admission.

History Requirement

For admission to the freshman class, St. Joseph's College requires one year of American history.

Science Requirement

Two one-year courses in science on the secondary level fulfill the requirement for entrance to the College. Those students, however, who desire the science major or the premedical course will find three or more years of science on the high school level a better preparation.

EXEMPTION FROM SECONDARY SCHOOL ADMISSION REQUIREMENTS

The Admissions Council at St. Joseph's College is willing to consider the applications of candidates whose college preparation may vary from the prescribed pattern but who give evidence of their ability- to do college work. The Council will also consider applications from students who submit evidence of a High School Equivalency Diploma based on the successful completion of the General Educational Development Tests.

EARLY ADMISSION PLAN

This plan is designed for students of high academic standing with a social maturity beyond their grade level. The Admissions Council will consider high school students for entrance into the College at the conclusion of their junior year in high school. Basic requisites are high academic achievement, parental approval and very strong recommendations from high school guidance personnel. Students must take the College Entrance Examination Board Scholastic Assessment Test in the Fall of their junior year. This program may be considered only in high schools which offer very strong academic preparation.

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SCHOLASTIC ASSESSMENT TEST

In most cases, every candidate for admission to the freshman class must take the Scholastic Assessment Test administered by the College Entrance Examination Board. Requests for the bulletin of information and application forms should be addressed to:

College Board ATP
CN 6200
Princeton, New Jersey 08541-6200
(609) 771-7600

The scores on the Scholastic Assessment Test will be forwarded to the colleges listed on the candidate's application. St. Joseph's requires official scores. Our code is 2802.

PLEASE CONSULT THE COLLEGE OFFICE AT YOUR HIGH SCHOOL FOR SCHOLASTIC ASSESSMENT TEST DATES, OR CALL THE ADMISSIONS OFFICE AT (718) 636-6868.

NOTE: Students applying for academic scholarships and awards should arrange to take the SAT in the second half of Junior Year or in the first half of Senior Year.

INTERNATIONAL STUDENTS

International students seeking admission should file their applications several months in advance of the anticipated matriculation date. Application deadline for Fall admission is March 1; for Spring admission, September 1. A fee of U.S. \$25.00 must accompany the application form. Students must submit official school records and scores on either the Test of English as a Foreign Language (TOEFL) or the Scholastic Assessment Test (SAT). Applicants must have a minimum TOEFL score of 550 to be considered for admission. The TOEFL and SAT information bulletins and registration forms are available in areas outside of the United States.

A notarized affidavit of financial responsibility must be submitted at the time of acceptance. Admission to St. Joseph's College is contingent upon the acquisition of a valid student visa (F-1) from the United States Department of Immigration and Naturalization Service.

ROLLING DECISION PLAN

The Admissions Office will review applications and credentials as they are received. In most cases an admission decision is mailed within one month of receipt of all required credentials.

SPECIAL PROGRAM ACCEPTANCE

Students who exhibit college potential but do not meet general admissions standards, are accepted on a "special program" basis. They are enrolled for five courses, or fifteen credits. One of these courses will be HUM 103: Design for College Learning. With the support of this course and with the help of a faculty advisor to assist in programming, the College assumes that the student will be able to make satisfactory progress at this institution.

CANDIDATES' REPLY DATE

Students who have been accepted for admission should reply by December 1 (for the Spring term) or May 1 (for the Fall term) to confirm their choice of St. Joseph's. Late applicants will be expected to confirm their acceptance within one week of notification. For acceptance deposit, see Statement of Costs.

PRE-REGISTRATION, PROGRAMMING, AND PLACEMENT

Students are notified in advance of the pre-registration conference dates for the Fall and Spring semesters. During the pre-registration period for September (Fall) entrants, which is usually scheduled in May, the Chairpersons of Departments are available for group and individual consultation. Students who are undecided as well as those who have been accepted are encouraged to take advantage of this opportunity to discuss interests and educational goals with the Chairpersons. Under their advisement, the students then make their course selections for the Fall term.

Students who apply or are accepted after the official pre-registration period, are advised by the Admissions Office of alternate registration dates. Transfer students have individual program conferences with the Transfer Counselor and Department Chairperson.

ADVANCED PLACEMENT

Students who have taken advanced placement courses in secondary school may apply for college credit. St. Joseph's grants advanced placement and credit on the basis of the candidate's score on the Advanced Placement Examination administered by the College Entrance Examination Board and subject to approval of the Departmental Chairpersons in whose field the advanced study has been done.

At pre-registration, it is the student's responsibility to inform advisors of any A.P. credit in order to avoid duplication of course work.

Freshmen may also enroll with advanced standing upon presentation and review of an official transcript for college-level work completed.

COLLEGE PROFICIENCY EXAMINATIONS

Matriculated students may apply for credit or placement for the equivalent of St. Joseph's College courses on the basis of their successful completion of examination sponsored by:

1. CLEP-The College Board's College-Level Examination Program (Box 2815, Princeton, New Jersey 08541)
2. RCE-The New York State Education Department's Regents College Examinations (State Education Department, Cultural Education Center, Albany, New York 12230)
3. USAFI-United States Armed Forces Institute (Commission on Accreditation of Service Experiences of the American Council on Education, One Dupont Circle, Washington, D.C. 20036)

Students who wish credit or placement on the basis of any of these exams should have a copy of their scores forwarded from the sponsoring agency to the Registrar of St. Joseph's College. When a decision has been reached, the student will receive written confirmation of the credit or placement granted.

RE-ADMISSION

A student who has withdrawn from the College and who wishes to re-enter must complete an application for re-admission. Applications may be obtained from the Registrar or the Dean. The decision rests with the Dean.

TRANSFER STUDENTS: POLICIES AND PROCEDURES

Transfer students are welcome at both our Brooklyn and Suffolk Campuses. The College believes that transfer students add a new dimension by bringing fresh ideas and varied experiences.

Whenever possible, students who wish to transfer to St. Joseph's should file their applications at least six months in advance of the expected date of matriculation. Transfer students should request that official transcripts from all former colleges, marked catalogues of former colleges and a listing of courses in progress be sent to the Admissions Office, St. Joseph's College.

St. Joseph's College provides for a block transfer of courses, up to 64 credits, for students who have earned an Associate in Arts, or an Associate in Science (with science emphasis) degree in certain transfer programs at an accredited Community or Junior college.

Transfer credit for an Associate in Applied Science degree varies. An A.A.S. degree in Early Childhood Education can be transferred with

little or no loss of credit because it will coordinate with our Child Study program. In general, however, the two year programs leading to the A.A.S. degree have been designed for immediate career preparation. St. Joseph's cannot guarantee, therefore, that it will transfer all or most of the courses and credits earned as part of the A.A.S. degree. The determination rests upon the program followed, the choice of elective courses, and articulation with the major to be followed at St. Joseph's.

Records of students without an Associate degree will be evaluated on an individual basis in accordance with our Transfer Policy.

Prospective transfer students are encouraged to forward their transcripts to the Counselor for Transfer Students requesting an individual evaluation.

If a student transferring to St. Joseph's has an Associate degree, the student is not required to submit a high school record as part of the admissions procedure. This policy also applies to students without an Associate degree who have successfully completed 40-60 credits.

Each student will be given an official Review of Transfer Record, which will indicate courses and credits transferred, and any courses still needed to satisfy the St. Joseph's College Core Curriculum, as outlined in the current catalogue.

To complete requirements for the Baccalaureate degree, the student is responsible for any core requirements still outstanding; a major of 30 credits; any other requirements of the major; and a total of 128 credits, of which a minimum of 90 must be in the liberal arts for a B.A. degree.

Ordinarily, the minimum residence requirements for a St. Joseph's degree is three semesters, or 48-50 credits. Students who transfer to SJC as juniors are usually expected to complete their course and credit requirements at St. Joseph's College.

For students desiring to matriculate for their senior year, an interview will be required with the Academic Dean as well as with the Director of Admissions to determine the educational desirability of such a transfer.

TRANSFER APPLICANTS FOR SCHOLARSHIPS AND AWARDS

The College requires that all forms (SJC application and transcript(s)) be received before August 1 for the Fall semester and January 1 for the Spring semester.

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STATEMENT OF COSTS 1999-2000

A remittance of \$25 is payable when the application for admission is filed. The application fee is a service fee and is in no case returnable.

Annual Tuition and Fees

FULL-TIME STUDENTS

Tuition-July to June	\$8600 per year
College Fee	\$110 semester
Mandated Accident Insurance	\$5 per semester
Student Activities	\$92 per year*

*This fee is levied by the Student Council for the support of student organized activities.

PART-TIME STUDENTS

Tuition	\$276 per credit
College Fee	
1 to 7 credits	\$11 per credit
8 to 11 credits	\$82 per semester
Mandated Accident Insurance	\$5 per semester
Student Activities	\$20 per semester*

*This fee is levied by the Student Council for the support of student organized activities.

NON-MATRICULATED STUDENTS

(Taking less than 12 cts./semester; if more than 12 cts. see full-time student rates)

Total tuition charges and fees must be paid at registration.

Tuition	\$276 per credit
Registration Fee	\$20
Insurance Fee	\$5 per semester
College Fee	See Part-Time
Student Activities	See Part-Time

Special Fees

Laboratory fee	\$20-\$75 per course
(Bio, Chem, Physics, Computer, Psychology - Consult course listing for specific fee.)	
Graduation fee	\$125
Late Registration fee	\$25
Make-up examination fee	\$25
Change of program (each form)	\$20
Child Study Program fee	
(Junior Year-Second Term)	\$50
Transcript	\$5
Identification card	\$5
Parking Fee	\$50 per semester
(payment of this fee does not guarantee a spot)	
Tuition Extension Fee	\$25-100

TUITION POLICY

Full-time students accepted for admission must make a tuition deposit of \$200 and part-time students \$75 at the time of registration. The deposit is not refundable, but it will be credited toward the first term's tuition. This deposit is only good for two years from the time the deposit is made.

A student's bill for tuition and fees is based on the number of credits for which a student intends to register, less applicable financial aid or scholarships for that semester. Scholarships or student aid may only be subtracted if all related applications and other information have been submitted on a timely basis. Payment of the remaining balance constitutes "Clearance" by the Business Office.

Bills for the semester must be cleared by the Business Office before students may attend class. Students who do not receive financial clearance from the Business Office will not be officially registered at the College for that semester. Students may not enroll for a successive semester until their accounts have been completely satisfied.

St. Joseph's College makes available several tuition financing options through our tuition deferment programs. The two monthly budgeting programs the College offers are Tuition Management Systems and Academic Management Services. Basically, these programs are designed to afford students the opportunity to pay their educational expenses in monthly installments. Students may elect to contract with either of these services for a nominal initial participation fee prior to or at the beginning of each new academic year. Students interested in either of the two plans may obtain brochures and applications in the Business Office. Additional information may be obtained by calling AMS at 1 (800) 635-0120 and the TMS at 1 (800) 722-4867.

The accounts of students who are unable to pay what is owed by the first day of class (other than those who are enrolled with either the Tuition Management Systems or Academic Management Services), will automatically default to St. Joseph's College Tuition Extension Agreement. Unlike the other two deferment programs, under St. Joseph's College Tuition Agreement, a finance charge will be assessed.

Questions regarding the College's tuition policy, should be addressed to the Bursar (Brooklyn Campus at (718) 636-6881 or the Suffolk Campus at (516) 447-3270.)

STUDENTS WHO FAIL TO COMPLY WITH THESE REGULATIONS WILL BE SUBJECT TO SUSPENSION UNTIL THE REQUIREMENTS ARE MET.

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FLAT-RATE. The flat rate for tuition covers 32 credits per year (an average of 16 per term) for a total 128 credits in eight terms. Full-time students - those taking at least 12 credits - are charged the flat rate of \$8600 per year. Intersession and Summer Session courses are not included within the flat-rate tuition. Full-time students who take more than 32 credits per year or 18 credits per semester will be charged \$276 for each additional credit.

PER CREDIT, Part-time students -those taking fewer than 12 credits - are charged \$276 per credit.

Neither a transcript nor a diploma will be issued until all financial obligations are settled. The College reserves the right to alter tuition charges and fees when such changes become necessary.

WITHDRAWAL FROM A COURSE OR FROM THE COLLEGE: TUITION REFUNDS

Full-time students who receive permission to withdraw from a single course are not entitled to a refund, unless the withdrawal involves extra credits, paid for by the point. In such cases, the student may ask for a refund of the extra tuition within the first four weeks of the term. Part-time students who withdraw from a course may also apply for a refund.

Withdrawal from the College may entitle a student to a refund of tuition but not of fees.

The percentage of refund will be determined according to the following schedule:

<i>Withdrawal Effective</i>	<i>% of Refund</i>
Prior to beginning of term	100%
Within First Two Calendar Weeks	80%
Within Third Calendar Week	60%
Within Fourth Calendar Week	40%
Within Fifth Calendar Week	20%
After Fifth Calendar Week	No Refund

This schedule does not apply to the tuition deposit required of first time students. This deposit is not refundable. In the absence of written notification, the date of withdrawal is determined by the Dean.

Federal Title IV recipients should see the Return of Title IV Funds section of this catalogue on page 23.

Refunds of financial aid awards, student loans, etc., are not refundable until the actual funds have been received by the College and the student's eligibility for the funds has been determined.

A refund will not be granted to a student who is dismissed or who withdraws while under disciplinary action.

A student who feels that his/her individual circumstances warrant an exception to the College's refund policy may submit a written appeal for special consideration to the Controller, Ms. Georgeann Kelly. The Controller's decision is subject to appeal to the Vice President for Finance, Mr. John C. Roth.'

In order to initiate a request for a refund, a student must complete a Refund Application Form at the Business Office, or apply by mailing a written request bearing the student's signature to the Business Office after the fifth (5) calendar week into the semester.

It is necessary to allow for a minimum of 10 business days for processing the refund application and for preparing the refund check which may be picked up at the Business Office or, upon request, may be mailed to you.

SCHOLARSHIPS AND FINANCIAL AID PROGRAMS

All matriculating students, including transfer students, may apply for financial aid. Consideration for a scholarship or financial aid from St. Joseph's College is dependent upon making application and receiving official notification of acceptance into the College.

To be considered for a scholarship and/or other types of financial aid from government or College sources, the student should follow these procedures **each year**:

1. Complete the U.S. Department of Education Application for Federal Aid (FAFSA) designating St. Joseph's College, Brooklyn, NY as recipient. USDE Code 002825.
2. Complete the New York State Tuition Assistance Program (TAP) Application for full-time students. Part-time students should complete the NYS Aid for Part-time Study (APTS) Application. NYS Code 0755.
3. Complete the SJC Financial Aid Application.
4. Verify parent/student/spouse incomes by providing signed copies of federal/state tax returns to the Financial Aid Office. Complete any other verification requirements as requested.
5. Priority for certain financial aid programs will be given to students who adhere to recommended filing dates:

Fall entering new students	February 25
Fall entering transfer students	March 15
Continuing students	April 30
Spring entering students (new and transfers)	November 1

Student Aid Recipients: Rights and Responsibilities

Mid-year transfer students must also have a Financial Aid Transcript sent to St. Joseph's College from any school attended during the academic year of transfer to St. Joseph's College. This is a federal government requirement even if the student did not receive aid from a prior school. A student who transfers from one college to another should check with the Financial Aid Office at the new college as financial aid is not automatically transferred.

Students who receive financial aid are responsible for finding out the number of credits they must carry/complete each term and the academic standards they must meet and maintain to be eligible for these programs. Students are expected to maintain satisfactory academic progress and be making normal progress toward the completion of degree requirements. Federal financial aid recipients and College financial aid recipients should consult the Academic Standing section of this catalogue. New York State financial aid recipients should consult the NYS financial assistance section of this catalogue.

It is the student's responsibility to notify the Financial Aid Office, in writing, of the amounts and sources of any outside aid the student might receive (i.e., tuition reimbursement, private scholarship, etc.). Eligibility for various programs may be affected by a student's previous loan default and/or repayment owed to Pell Grant, SEOG, etc. If a student is convicted of any offense involving the possession or sale of a controlled substance, eligibility for Title IV aid will be affected.

Any student may request and receive an explanation of how his/her financial aid or refusal of it was determined. Most financial aid awards are based upon financial need as determined by need analysis methodology (Federal Methodology). There is, however, a distinction between eligibility for financial aid and availability of funds. Federal regulations mandate that the neediest students have priority for federal financial aid.

Return of Title IV Funds (Federal Funds)

Students who withdraw from the college may have to return a portion of their financial aid. This includes students who receive financial aid for personal expenses and who withdraw during the semester.

Calculation of Title IV assistance earned: To calculate the amount of Title IV assistance earned by a student, the school must first determine the percentage of Title IV assistance the student earned. Up through the 60 percent point in time, the percentage of assistance earned is equal to the percentage of the payment period of enrollment for which it was awarded that was completed as of the day the student withdrew. If the student withdrawal occurs after the 60 percent point, then the percentage is 100 percent. That earned percentage is applied to the total amount of Title IV grant and loan assistance that was disbursed (and that could have been disbursed) to the student, or on the student's behalf, for the payment period or period of enrollment for which it was awarded as of the day the student withdrew.

Excess funds returned by the school or student are credited to outstanding Title IV loan balances for the student or made on the student's behalf for which a return of funds is required. Excess funds must be credited to outstanding balances in the following order: Unsubsidized FFEL loans, Subsidized FFEL loans, Federal Perkins loans, FFEL PLUS LOANS. If excess funds remain after repaying all outstanding loan amounts, then the remaining amount is credited to grant programs in the following order: Federal Pell Grants, Federal SEOG, other Title IV assistance for which a return of funds is required.

Annual Student Budget: 1999-2000

The following estimated costs per academic year at St. Joseph's College are provided to help you in your financial planning.

Full-time tuition is \$8,600 per year. There is a college fee of \$220 per year; a mandated accident insurance fee of \$10 per year; a laboratory fee of \$20 to \$150 per lab course; and a student activity fee of \$92 per

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year levied by the Undergraduate Association for the support of student organized activities. All costs are subject to change.

Average dependent student expenses for "living at home" will be approximately \$1,600. Books and supplies will be about \$600, personal expenses about \$600 and transportation about \$1,000.

SCHOLARSHIPS

Criteria for scholarship eligibility and application procedures are available on request. Eligibility for scholarship is based on a combination of factors: SAT scores, high school achievement, rank in class, etc.

Board of Trustees Scholarships

The Board of Trustees of St. Joseph's College awards to entering freshman students with outstanding academic records full-tuition scholarships annually on the basis of high school achievement and College Board Scholastic Aptitude Test scores.

Blanche A. Knauth Scholarships

The Blanche A. Knauth full-tuition/partial-tuition scholarships are awarded each year to outstanding female students, in accordance with the terms of the Knauth Estate.

Sister George Aquin O'Connor Scholarships

The College has established this scholarship in recognition of Sister George Aquin's distinguished service as President of the College.

Presidential Scholarships

A number of full-tuition scholarships are offered each year to entering freshman students whose academic performance shows promise of above average college achievement.

Scholastic Achievement Awards

A number of Scholastic Achievement Awards up to \$6,100 per year are given to entering freshman applicants who demonstrate academic and personal qualities which would enrich the college community.

Academic Achievement Scholarships

Entering transfer students with a 3.6 cum or better (4 pt. scale) will be considered for scholarships of up to \$5,000 per year; up to \$2,800 per year with 3.2 or better; up to \$1,200 per year with a 3.0 or better. Certain conditions apply.

The Mary St. John Murphy Scholarships

These are full and partial-tuition scholarships in memory of a distinguished alumna who supported scholarships during her lifetime.

The Doris Oshinski Powers Scholarships

This is an endowed scholarship maintained by a generous and appreciative alumna.

The Rt. Rev. William T. Dillon Scholarships

Through the generosity of friends and alumni, these partial scholarships are awarded in the name of a late President of the College.

St. Joseph's College Alumni Scholarships

St. Joseph's College Alumni Association offers scholarships to sons and daughters of alumni. If funding permits, other relatives of alumni are considered. Awards are based on achievement and/or financial need. Students wishing to apply must file an Application for Alumni Scholarship before March 1. Contact the Director of Alumni Relations, St. Joseph's College, 245 Clinton Avenue, Brooklyn, New York 11205 for an application.

Other Scholarships

Through the generosity of friends a number of scholarships are offered to deserving students. Unless special conditions are named by the donors, the only requirement governing the awarding of a scholarship is that the candidates shall have given evidence of high academic promise.

Unless otherwise stated, eligibility for any of the above scholarships or awards is contingent upon application and admission to St. Joseph's College and compliance with those regulations included in the Letter of Acceptance for such scholarships or awards. These regulations are available upon request. Scholarship awards are recommended by the St. Joseph's College Scholarship Committee.

Scholarships and Grants at St. Joseph's College
are underwritten in part by the following sources:

The Altman Foundation
Blanche A. Knauth Endowed Scholarship
Contributed Services-Sisters of St. Joseph
John A. Danzi
Doris Oshinski Powers Endowed Scholarship
King Kullen Grocery Co., Inc.
The Louis Calder Foundation
Mary St. John Murphy Endowed Scholarship
St. Joseph's College Renaissance Scholarship Fund
St. Joseph's College Alumni Scholarships
Sister Clotilde Endowed Scholarship Fund
Sister George Aquin O'Connor Endowed Scholarship Fund
Sister Joseph Immaculate Scholarship Fund
Amelia Bonadonna DiNicola Scholarship Fund
The Rt. Rev. William T. Dillon Memorial Scholarship

OTHER FINANCIAL AID PROGRAMS

GRANTS

St. Joseph's College Grants

Grants are determined on the basis of financial need, academic promise, special interests, and available funds.

If two or more members of a family are enrolled as full-time SJC students, a \$200 per year credit will be applied toward the elder student's tuition.

NEW YORK STATE FINANCIAL ASSISTANCE

Tuition Assistance Program (TAP)

Full-time matriculated students who have been residents of New York State for a year may be eligible to receive tuition assistance of up to \$4,125 per year (currently) depending upon the family's net taxable income, the number of full-time college students in the family, eligibility for varying schedules, and New York State funding.

Merit Scholarships for Academic Excellence

New York State scholarships designed to recognize high school achievement. Students may request information from the high school guidance office.

Child of Veteran Award

Applications may be obtained from high school guidance counselors or by writing to the NYS Higher Education Services Corporation. The award is \$450 per year.

Memorial Scholarships for Children of Deceased Police Officers and Firefighters

Applications may be requested from the NYS Higher Education Services Corporation. Award will pay tuition and nontuition costs of attendance, not to exceed amount of SUNY tuition and nontuition costs.

Aid for Part-Time Study (APTS)

Part-time matriculated students who have been residents of New York State for a year may apply for this grant program. APTS applications are available in the Financial Aid Office.

Information on all the above may be obtained by writing to the New York State Higher Education Services Corporation, Albany, New York 72255

Satisfactory Progress Requirements for New York State Aid Recipients

St. Joseph's College must comply with regulations issued by the NYS Commissioner of Education concerning a student's academic standing and receipt of NYS aid.

Good academic standing for NYS aid consists of two elements:

1. Pursuit of program - a requirement that a student complete 50% of a full-time program each term in his/her first year of NYS aid; 75% of a full-time program each term in the second year of NYS aid; and 100% of a full-time program each term in the third and fourth years of NYS aid. The same percentages apply to students receiving Aid-for-Part-Time-Study (APTS).
2. Satisfactory academic progress - a requirement that a student accumulate a specified number of credits and achieve a specified cumulative grade point average each term. The chart that follows is for full-time students. Requirements for part-time students are pro-rated.

Before being certified for this payment	1st	2nd	3rd	4th	5th	6th	7th	8th	** 9th	** 10th
A student must have accrued at least this many credits	0	3	9	21	33	45	60	75	90	105
With at least this grade point average	0	1.00	1.20	1.30	2.0	2.0	2.0	2.0	2.0	2.0

****NOTE:** Only students in five-year programs, approved pursuant to Section 145-2.7 of the Regulations, are eligible for more than eight semesters of undergraduate awards.

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Students must meet both (1) the program pursuit requirements and (2) the satisfactory academic progress requirements in each term of payment in order to continue NYS aid eligibility. Students not complying with the above standards will have their eligibility re-established only after evidencing ability to complete successfully an approved program.

In extraordinary circumstances, a student may be granted a waiver of program pursuit and/or satisfactory progress requirements. This is available only once during a student's entire undergraduate career. For information about the process of filing for a waiver, please contact the Registrar. The Academic Dean reserves the right to grant or withhold the waiver.

Students should note that these Satisfactory Progress Requirements are for the purpose of New York State financial aid eligibility only.

Individuals with Disabilities

Students who suffer from a chronic illness, emotional problem, or who are physically disabled may be eligible for a grant which would help cover tuition and book fees. Contact the Office of Vocational and Educational Services for Individuals with Disabilities, New York State Education Department, Albany, New York 12230.

New York State Post Secondary Education Fund for Native American Students

Further information is available from Native American Education Unit, New York State Education Department, Albany, New York 12230.

FEDERAL PROGRAMS (Title IV)

Federal Pell Grants

Pell Grants are awards to help undergraduates pay for their education after high school. Eligibility is determined by a standard formula, revised and approved every year by Congress, to evaluate the information reported when applying for a Pell Grant. The maximum award for 1999-2000 academic year is \$3,125.

Federal Supplemental Educational Opportunity Grants (SEOG)

A Supplemental Educational Opportunity Grant (SEOG) is an award to help undergraduates pay for their education after high school. It does not have to be paid back. Grants range up to \$4,000 depending on a student's financial need, availability of SEOG funds, and the amount of other aid a student is receiving.

Federal College Work-Study Program (CWSP)

The College Work Study Program (CWSP) provides part-time employment funds for college students who need financial aid to help meet college expenses. A student's CWSP award depends on financial need, availability of CWSP funds, and the amount of other aid a student is receiving. Students are paid by the hour.

Federal Perkins Loan Program

A Perkins Loan is a low-interest (5%) loan to help students pay for education after high school. Perkins Loan amounts depend on student financial need, availability of Perkins Loan funds, and the amount of other aid a student is receiving. Maximum Perkins Loan is \$4,000 per year as an undergraduate. Presently repayment of principal and 5% interest starts 9 months after leaving school. Students may possibly qualify for postponement or cancellation benefits.

Federal Family Education Loan Program

Stafford Loans

A Stafford Loan is a low-interest loan (variable interest rate) made to students by a lender such as a bank to help a student pay for education after high school. Stafford Loan annual limits are \$2,625 for first-year students, \$3,500 for second year students, and \$5,500 per year for undergraduates who have completed two years.

Applicants must complete the FAFSA and a Federal Stafford Loan Application for Federal Stafford Loans, whether subsidized or unsubsidized. Based on the student's financial need and the amount he/she wants to borrow, it is possible for a student to receive a Federal Stafford Loan that is totally subsidized, partially subsidized, or totally unsubsidized.

Additional unsubsidized Federal Stafford Loan funds are also currently available for independent students up to a maximum annual loan of \$4,000 for first and second-year students and \$5,000 for third and fourth-year students.

Federal Parent Loans for Undergraduate Students (PLUS)

Parents of full-time and half-time undergraduate students may borrow up to the full cost of education less other financial aid. PLUS loans do not qualify for interest subsidy. PLUS loans have a variable interest rate.

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Supplemental Security Income (S.S.I.)

S.S.I. may be available for students who themselves are disabled. Further information is available from the student's local Social Security office.

Federal Scholarship for American Indians

Further information is available from the United States Department of Interior, Bureau of Indian Affairs, New York Liaison Office, Federal Building, Room 523, 100 South Clinton Street, Syracuse, N.Y. 13260.

Other Federal Student Financial Aid Programs

A large number of special-purpose federal programs exist of a variety of types. The most authoritative reference for additional information is: Catalog of Federal Domestic Assistance, Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

VETERANS INFORMATION

Veterans and Children of Deceased Veterans

St. Joseph's College is fully approved by the New York State Education Dept. as well as other agencies for college-level education programs for veterans under federal and state laws. Veterans and children of veterans who qualify desiring to pursue a course of study must present a Certificate for Education and Training.

Information concerning these programs may be obtained by contacting the Veterans Administration Office, 252 Seventh Avenue, New York, N.Y. 10001.

*Over 65% of SJC's students receive
funds from federal, state, or college sources.*

Because this is a two-year Catalogue, some information may be out-of-date. Prospective students who have financial aid questions should call the Financial Aid Office at 718-636-6808.

STUDENT LIFE

In keeping with the College's objective of educating the whole-person in an environment which permits the student to grow through self-direction and responsibility, the administration and faculty have granted the students a high degree of control over extra-curricular affairs. Moreover, the College Governance structure, especially through elected student representation on the College Advisory Council, encourages students to participate in college policy-making.

The College has a long history of faculty-student cooperation. It is hoped that through the sharing of mutual concerns, ideas, and problem-solving, the community that is St. Joseph's will provide students with emotional maturity so that they will reach their full potential as persons and give leadership in their immediate society and the larger communities of the nation and the world.

The student who is admitted to St. Joseph's College accepts the requirements and regulations stated in the College Catalogue and the Student Handbook, including the statement on Rights and Responsibilities, the Student Code of Conduct, and the Student Grievance Procedures. The College reserves the right to initiate due process for the dismissal of a student who fails to meet these standards.

STUDENT SERVICES

Student services, administered by the Director of Student Services, are designed to create a climate in which students, while developing academically, can at the same time be encouraged to recognize and utilize their potential in every facet of their lives. Each of the services and activities provided is in some way designed to further student development and reflects a conviction that the College accomplishes its educational purpose only when students understand and strive to fulfill their needs and clarify their goals.

OFFICE OF THE DIRECTOR OF STUDENT SERVICES

The Office of the Director of Student Services is the center from which student activities are coordinated and administered. All Student Services are under the supervision of this office.

New Student Orientation

Prior to the opening of each semester, a time is set aside for the orientation of new students. The program is planned to facilitate the adjustment to college life and includes conferences, course registration, career interest services, and social activities. Orientation is continued during the semester through the Faculty Counseling Program as well as through occasional lectures and meetings with the academic departments and peer counselors.

Student Government

Student power is vested in the Undergraduate Association. The Senate, the legislative body, under the leadership of the Council, supervises all activities of the student body. It approves the annual budget drawn up by the Budget Committee and authorizes the expenditure of the remaining funds; it admits new organizations to the Undergraduate Association and approves the constitutions of all clubs and committees under its jurisdiction.

Student Activities

Students at St. Joseph's enjoy the intimacy of a small college and the advantages of the many cultural and recreational facilities of a large metropolitan city. Within the College, clubs and social affairs are initiated by the students according to their interests. Some of the more popular organizations are the Athletic Association, Dramatics and Campus Activities Board. Social events include parties, athletic events and the annual Awards Dinner Dance.

Health

To be in compliance with New York State law and the regulations of the New York State Department of Health, all students born after January 1, 1957 must submit documentation of immunization against measles, rubella, and mumps before they may attend class. The medical health form which students receive from the Admissions Office must be filled out by a doctor/health care provider and returned to Admissions. We further request that students make known any serious disability they may have so that, in the event of their sudden illness on campus, we may summon the proper care. This information will not be placed in their permanent records file. It will be available to the Director of Student Services or her delegate. Failure to register this information frees the College from any responsibility for special treatment in the event of illness.

The students are mandated to pay a fee for an accident insurance policy. Information as to the benefits and limitations of this policy may be obtained in the Office of the Director of Student Services. Advice on claims is handled by that office. Further, students may obtain, at their own expense, coverage through either John Hancock Mutual Life Insurance Company or the Sentry Student Security Plan, administered by E.J. Smith & Associates, Inc. St. Joseph's College does not assume any obligation or responsibility in the administration of this program or the processing of any claims. Information may be obtained in the Office of Student Services.

Religious Development

A committee on Campus Ministry plans a program of religious activities on campus, Faculty join students in the celebration of the liturgy and at other religious experiences. Participation in all religious activities is optional.

The services of campus ministers of different faiths are available.

Credit for Co-Curricular Activities

Students may earn 1/2 academic credit per semester for a total of two credits toward the degree for participation in Art Club, Chapel Players (Dramatics), Men's/Women's Varsity Sports, and Yearbook. The Moderator of each activity will provide details.

OFFICE OF COUNSELING AND CAREER SERVICES

Through individual attention, students are assisted in understanding themselves, in evaluating their potential, and in planning their college course work in the light of past achievements, vocational and personal interests and special aptitudes. The office hopes to affirm and enhance the inner qualities of intelligence, values, abilities and skills which make each student an individual. All students may consult this office as often as their needs and interests demand. All freshmen are encouraged to schedule an interview during their first year.

Personal Counseling

The office seeks to enhance the inner self worth of students by providing an atmosphere of respect and openness toward the entire student population. The Counseling Office is available for short-term confidential counseling. Referral services are made available when a need is indicated or a request is made.

Career Counseling/Graduate Study Information

Career counseling is undertaken in conjunction with the departments. Career information is kept current and is available to students in this office through the career library, in-house publications, and Internet access. An individual may request exploratory interest testing.

The Director of Counseling and Career Services offers two one credit courses in career education open to all students. Full descriptions of the courses may be found in the Career Education section following the Education Department listings.

The Office serves as a resource for graduate school information: catalogs, program offerings and monies available for graduate study. Information may be obtained about such qualifying examinations as MCAT, GRE, LSAT and GMAT. Consultation is available here as well as through departmental offices.

Academic Counseling

Although the Academic Dean is primarily responsible for the supervision of the academic climate and development of students, academic counseling is also shared by chairpersons and members of the departments, the faculty advisors, and the Office of Counseling and Career Services. Each student is assigned to a faculty advisor. The Committee on Academic Development may also give attention to individual students.

Placement

Requests for full and part-time employment are handled through the Office of Counseling and Career Services. Guidance is given to students regarding job application and placement. Instruction is given to students regarding resumes and interviewing.

Services for Students with Disabilities

The Director of Counseling and Career Services acts as the Coordinator of Services for Students with Disabilities. The Director provides information and counseling to qualified disabled students and works with students and faculty to ensure that appropriate academic adjustments are made and auxiliary aids provided. Students should consult the brochure "Information for Qualified Students with Disabilities."

ACADEMIC LIFE

The administration and faculty recognize the college years as particularly crucial in the personal development of each student. A strong liberal arts program provides a humanistic reference point from which students can explore contemporary issues, moral values, and career opportunities. Through the study of influential ideas and actions, and through interchange with faculty and other students, each student has the opportunity to grow not only intellectually but as a total person. The synthesis, of course, rests with the student.

Students are encouraged to take advantage of the opportunities in a small college for extra-curricular involvement and committee participation, as well as for ongoing dialogue with faculty in the major department. In this way, students can help to create the ambience of their academic lives.

The academic year consists of the fall and spring semesters, and optional summer session and intersession in January. The Calendar appears at the beginning of this catalogue.

DEGREE PROGRAMS

St. Joseph's College offers the following degree programs, which are registered with New York State Education Department.

BACHELOR OF ARTS in Biology, Chemistry, Child Study, English, History, Human Relations, Mathematics, Psychology, Social Science, Spanish, Speech. Students applying for the B.A. must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 90 of which must be in the liberal arts. Those who wish to teach on the elementary or secondary level will also follow the programs approved for teacher certification.

BACHELOR OF SCIENCE in Biology, Chemistry, and Mathematics. Students applying for the B.S. must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 60 of which must be in the liberal arts. Those who wish to teach on the secondary level will also follow the programs approved for teacher certification.

BACHELOR OF SCIENCE in Business Administration. Students applying for the B.S. must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 60 of which must be in the liberal arts.

BACHELOR OF SCIENCE in Business Administration with a major in Accounting. This program prepares for the C.P.A. exams. Students applying for the B.S. must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 60 of which must be in the liberal arts.

BACHELOR OF SCIENCE in Recreation. Students applying for the B.S. in Recreation must satisfy the requirements of the core curriculum and major, and elect additional courses for a total of 128 credits, at least 60 of which must be in the liberal arts. At present, this program is offered only at the Suffolk Campus.

BACHELOR OF SCIENCE in General Studies, Community Health and Human Services, Health Administration, and Organizational Management. The School of Adult and Professional Education administers these degree programs, designed especially for adults with non-traditional academic backgrounds or with professional training and experience. Of the 128 credits required for the degree, at least 60 must be in the liberal arts.

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BACHELOR OF SCIENCE with a major in Nursing. The School of Adult and Professional Education administers the nursing degree program. The program is designed specifically for registered nurses. The curriculum consists of 128 credits which includes lower-division course requirements and upper-division courses. At least sixty credits must be in the liberal arts.

For details, contact the The School of Adult and Professional Education at either of the following:

St. Joseph's College
245 Clinton Avenue
Brooklyn, N.Y. 11205
(718) 399-0068

or

St. Joseph's College
Suffolk Campus
155 W. Roe Boulevard
Patchogue, N.Y. 11772
(516) 447-3250

For all degrees, a cumulative index of 2.0 is required, as well as an index of 2.0 in the major (higher, if so indicated by the major department.)

MASTER OF SCIENCE degree in Management. Designed for working adults holding leadership positions in the public service, private, and non-profit sectors, the MS in Management has as its purpose the promotion of managerial effectiveness and the enhancement of human performance in organizations. Toward this end, the degree provides students with a theoretical grounding in the functional knowledge areas of management and with the opportunity to develop within themselves the abilities associated with superior managerial performance.

The thirty-six credit curriculum consists of a twenty-four credit core in Management plus a twelve-credit concentration in either Organizational Management or Health Care Management. To complete this program successfully, students must maintain a B average. Applicants seeking admission to the MS in Management typically are employed in a full-time position and have substantial work experience involving supervision, program development, specialized training, considerable responsibility, and/or independent judgment. Once admitted to the program, students become part of a cohort taking nine credits each semester (fall and spring) for two years.

CORE CURRICULUM

The academic departments in the College which provide the courses included in the Core Curriculum represent the areas of human knowledge and culture deemed essential for a liberal education—that is, for free men and women who must assume responsibility for directing their own lives and contributing to national and international decisions. By grouping the departments under three broad headings, we have indi-

cated the relationships of the various disciplines. To ensure some understanding of the values of each of these areas, we require all students to offer a core of courses for the degree, according to the following general plan. These courses may be taken at any point during the first three years at which students feel most ready or at which they recognize the need.

The Core Curriculum seeks breadth and balance.

Breadth: The primary effort is to ensure that students have some understanding of all major areas of knowledge. Core courses serve as an entry into a discipline and provide understanding of the scope and methodology of the discipline.

Balance: The faculty have emphasized the need for balance in the curriculum by designating a given number of courses to be taken in each of the major divisions.

All students must take one course in English Composition. This course is in addition to the sixteen courses to be taken from the following three divisions.

HUMANITIES

All students will take EIGHT courses in the humanities; at least SIX of the following subject areas must be represented:

Art

Classical Studies-history, literature, philosophy of Greece
and Rome

English or American literature

Modern language and literature-French, Italian, or Spanish,
in the original or in translation.

Music

Philosophy

Religious Studies

Speech Communication

- N.B. 1. Students who take one of the prescribed core courses in Art and/or Music may also offer one studio course in art and/or music toward the Core Curriculum.
2. The following courses may be offered toward the general Humanities requirement of the Core Curriculum (but not toward the required six areas):
- Humanities 101-Ascent of Man
 - Humanities 102-The Cathedral of Bourges
 - Dance 101-Modern Dance
 - Dance 103-Dance Through the Ages

HISTORY AND SOCIAL AND BEHAVIORAL SCIENCES

Three courses representing THREE areas:

- 1 in the field of history
- 2 from the offerings in
 - Anthropology
 - Economics
 - Political Science
 - Psychology/Child Study
 - Sociology

NATURAL SCIENCE AND MATHEMATICS

Three courses including:

- 1 in a laboratory science (biology, chemistry, physics)
- 1 in mathematics (not a computer course)
- 1 in either mathematics (including computer) or science (not necessarily laboratory)

Students who plan to major in one of the sciences, mathematics, business administration, or accounting should take, in freshman year, the introductory courses which will prepare them for the sequence required within the major.

ADDITIONAL COURSES

All students will take TWO additional courses. These courses may be taken in the same curricular division or in different divisions (i.e., in Humanities, History and the Social and Behavioral Sciences, and in the Natural Sciences and Mathematics).

No student may offer more than THREE courses in any one area to satisfy the core curriculum requirements (for example, no more than three courses in art or history or biology or mathematics).

MAJORS

Each student develops depth by choosing one of the major academic areas for intensive study. Under the guidance of the Chairperson of the Department, the student will select courses for a total of at least 30 credits in accord with departmental requirements. (N.B. In some instances, courses offered to satisfy the core requirements may also be offered toward the major.)

ELECTIVES

In addition to the core curriculum and major area, students also choose courses which support their majors, broaden their interests, or advance their educational and career goals.

MINORS

Some students have a number of free electives. These may be used to develop a minor, a second area of specialization. A minor requires the successful completion of 18 credits or six courses; specific requirements are listed in the departmental section of the catalogue. Minors are not required for graduation.

CERTIFICATE PROGRAMS

These programs offer students the option of combining courses in their major field and/or electives in order to develop knowledge and skill in a particular area oriented to a career interest. Students may wish to consult the catalogue sections on Certificate Programs.

PLANS OF STUDY

Liberal Arts Programs (Plan A). A broad general education, including core curriculum, major field, and electives, is still considered the best possible preparation for life. The intellectual skills involved help the student to develop the adaptability needed in a rapidly changing society. This educational program may be combined with career orientation for one of the following professions.

Medicine and Dentistry

Those students who are interested in applying to schools of medicine or dentistry are advised to meet the requirements of the American Association of Medical Colleges or the American Dental Association. The basic requirements of these schools include one year each of

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English, general biology, general chemistry, organic chemistry, physics, and mathematics. Some schools have other specific requirements.

Although any major is acceptable if these requirements are met, pre-medical students are usually advised to major in biology or chemistry in order to assure the firm foundation in the sciences which will be required in their future work. They will be assisted by the Health Professions Committee in planning their program in the light of their individual interests and of the schools to which they intend to apply.

Health-Related Professions

Two year programs preparatory to the pursuit of physical therapy, occupational therapy, and other health related professions are available. Students who wish to transfer to other colleges for these programs are responsible for learning the requirements for admission. Special advisors assist students in these programs in their course selection.

Business

For-students who plan to enter the world of business, there are two possible routes. The first is to major in Business Administration or Accounting. The Chairperson of the Business Administration and Accounting Department advises students planning a career in Business. The second route is to major in one of the liberal arts or sciences for the Bachelor of Arts degree and to take an additional sequence in Business. (See certificate programs, page 176.)

Teaching

As this catalogue is being prepared, New York State is considering changes in requirements for teacher certification. This may necessitate modifications in our teacher education programs described below. Any changes will be published within the next year as a supplement to this catalogue.

Elementary and Special Education (Plan B¹). A liberal arts course of study including the core curriculum, the Child Study major, the area of concentration, and electives, for students who wish to prepare to teach from pre-kindergarten through the sixth grade level (PreK-6) and special education. To follow this program, which has been approved for teacher certification in both areas by the New York State Education Department, students should elect Child Study as a major before the completion of the freshman year. At the same time, they should choose an area of concentration of 24 credits (English, History, Human Relations, Mathematics, Psychology, Science, Social Science, Sociology, Spanish, Speech Communication).

This plan, which is under the direction of the Chairperson of the Child

Study Department, provides students with the opportunity for observation and practicum experiences in the Dillon Child Study Center, and for student teaching at the elementary level and in special education.

Secondary Education (Plan B). A liberal arts course of study, including the core curriculum, the major, and electives for students who wish to prepare to teach on the secondary level (grades 7-12). They follow a program which has been approved for teacher certification by the New York State Education Department. The sequence of courses, including student teaching, necessitates that students select this plan early in their college careers. This plan is under the direction of the Chairperson of the Education Department.

Library Work

Any liberal arts major prepares for graduate work at an accredited library school. For specific requirements, consult the catalogue of the graduate school of your choice.

Law

Students interested in studying law may select any major which will assist them to develop their capacity for comprehension and expression in words, for critical understanding of the human institutions and values with which the law deals, and for creative power in thinking. A Pre-Law Committee advises students.

Social Work

Those desiring social work as a career often choose Sociology or Psychology as a major. However, no specific major is required for admission to graduate programs as long as there is a concentration in the behavioral and social sciences. Within the Sociology Department, there are two courses which are recommended to interested students. One is an introduction to the field of social work, and the other is a supervised field experience in a social work setting. With a liberal arts background, graduates can qualify as case aides or case workers in many different settings such as probation, social services, and youth services. While employed as case aides, students often pursue graduate study in order to qualify as social workers.

Other Fields

The Chairpersons of Departments will discuss with students career opportunities related to their subject areas.

ACADEMIC ADVISEMENT & PROGRAMMING

Much of the success of our academic program stems from the interest of the faculty in the individual student. Opportunities are provided in the spring term for prospective freshmen to discuss their interests and possible majors with the Chairpersons of Departments before drawing up their programs. Conscious of the diversity and individualization in high school programs, the Chairpersons guide these students in choosing courses which will best articulate with their high school backgrounds. During the freshman year, all students are assigned to an academic advisor—one from their major field if that is known, or an exploratory advisor if they are uncertain about their plans. Freshmen meet their advisors at least four times during the year to discuss their academic and career goals and to consult regarding their choice of courses at registration. In consultation with their advisors, students assume the responsibility for selecting the courses that will enable them to earn a degree.

The Registrar issues bulletins concerning the procedures and dates for declaring the choice of a Major and Plan. Once students have declared a major, the Chairpersons of the Major Departments become their chief academic advisors. (For Change of Major or Plan, see Academic Policies.)

Although Chairpersons and faculty members are always willing to discuss educational goals and progress with individual students, all undergraduates are responsible for following the directives issued by the Registrar concerning the formal period of advisement and registration. At these times, students should consult the Chairpersons of Departments and Directors of Plans about their choice of courses for the following term. Ultimately, each student is responsible for choosing and completing courses that fulfill the requirements for a degree from St. Joseph's College.

COURSE LOAD. Full-time students may carry sixteen credits per term. Students beyond freshman year may take up to eighteen credits with the approval of the Major Chairperson. For more than six courses or eighteen credits in one semester, the permission of the Academic Dean is required (See Tuition Policy, page 19.)

PASS/NO CREDIT OPTION. To encourage exploration and experimentation in curricular areas, the faculty has provided that juniors and seniors may take ONE COURSE PER SEMESTER or during Intersession or Summer Session on an Index-Free basis (i.e., the grade is not computed in the index). Students may not take more than a total of four courses Pass/No Credit.

Courses required either by core curriculum or by the student's major department, minor, or area of concentration may not be elected on this basis. Students may have the first three weeks of the term in which to indicate that they wish to take this option (or in the case of a Summer Session or Intersession course, before the fourth class). No changes, either to Pass/No Credit or back to letter grade, may be made after that time. Grades assigned are P or NC (Pass or No Credit).

INDEPENDENT STUDY. Certain courses, indicated in the department offerings as 2 or 3 credits, lend themselves to guided independent study. Because the requirements for the additional credit change the scope or depth of the course, students must register the option at the time of registration.

Several introductory courses provide opportunities for interested students to do independent work. Some advanced courses are structured to encourage students to work independently on individual research.

REPEATED COURSES. A student who receives an unsatisfactory grade in a course specifically required for the degree, for the major, or for a certificate program may request departmental approval to repeat the course. Although the grade of F is the only one for which credit is not given, departments may require a grade of C or better for satisfactory completion of certain departmental requirements. In such cases, the Chairperson may permit the student to repeat a course in order to demonstrate mastery of the subject. Both the original grade and the repeated grade will appear on the transcript. Credit will be given only once for the course, and only the most recent grade will be calculated in the index.

AUDITING COURSES. Matriculated students may audit courses with the consent of the instructor and the permission of the Academic Dean. Non-matriculated students pay the regular tuition for this privilege. No credit is given for audited courses, and no records are kept.

ACADEMIC POLICIES

ACADEMIC INTEGRITY. In common with all colleges and universities engaged in the search for knowledge, St. Joseph's College is committed to high standards of academic honesty. Moreover, as a college whose motto is "Esse non videri: To be and not to seem," St. Joseph's has a long-standing tradition of considering integrity as a primary value.

The College expects students to observe academic integrity in all aspects of their academic life, including the conduct of their examinations, assignments, and research. All members of the college community share the responsibility for creating a climate of academic integrity, based on fairness to others and respect for oneself.

Violations of academic integrity are treated very seriously. Policies and procedures for violations of academic honesty are explained in detail in the **Student Handbook**.

ATTENDANCE. Students are expected to attend regularly and punctually all classes in which they are registered. Because active participation is considered vital to the educational process, class work constitutes 60-75% of the final grade in the course. Students who must be absent for an extended period of time are urged, therefore, to contact the individual professors or the Academic Dean concerning classwork, assignments, and announced quizzes.

At the same time, the faculty recognizes that on occasion students cannot be present. Because the faculty has confidence in the maturity of the student body and recognizes the personal growth which comes through responsible freedom, the faculty has vested all members of the student body with personal responsibility for their attendance.

The faculty wish to emphasize, however, that students are equally responsible with them for creating a climate of inquiry and sharing. True education results only from active involvement in the learning process.

CHANGE OF MAJOR OR PLAN. A student who wishes to change major or plan must obtain, on a form furnished by the Registrar, signatures of the Chairpersons of Departments involved, and of the Academic Dean. Change of major or plan should be effected before the period of programming for the following term.

CHANGE OF PROGRAM. Once programs have been filed with the Registrar, students may make changes only after consultation with their Advisor. Students will not be permitted to enter courses after the first week of the term. A fee of twenty dollars is charged for each change of program and a fee of twenty-five dollars for late registration. (When the change is initiated by the Committee on Academic Development, there is no fee.)

If a course is cancelled, the students affected will be notified. There is no fee for the change of program.

WITHDRAWAL FROM COURSES. A student who wishes to withdraw from a course in which he or she is registered, should obtain the official form from the Registrar, and follow the procedure outlined. Ordinarily, withdrawal may take place up to the midpoint of the term; thereafter, only for a most unusual reason and with the approval of the Academic Dean. A fee of twenty dollars is charged. For students on the flat rate, no tuition refund will be made. (See Statement of Costs.) Students are advised to investigate the implications of withdrawing from courses on their eligibility for financial aid.

A student who does not withdraw officially from a course continues on the class register and must satisfy the requirements of the course.

COURSES AT OTHER COLLEGES. Matriculated students who have reason to take courses for credit at another college, should obtain from the Registrar's Office a form for permission to take courses at another college and follow the directions. The procedures include consultation with the appropriate Chairpersons of Departments and the approval of the Academic Dean. The College reserves the right to limit the number of such courses. Upperclass students may not take courses at Junior or Community Colleges.

When the courses have been completed, students are responsible for having an official transcript sent to the Registrar. Although the grades are not entered on the transcript nor included in the cumulative index, no credit will be allowed for a course with a grade below C-. (For Transfer Student Policy, see Admissions.)

ACADEMIC STANDING. St. Joseph's College accepts for matriculation only those students whom the College believes capable of completing the requirements for the degree. Since students may experience difficulty at some point, however, they should consult, early enough in the term for practical assistance, the class instructor and/or the Chairperson of the Department, the Director of Counseling, their Academic Advisors, or any other faculty members. Students are advised to investigate the implications of academic standing on their eligibility for financial aid.

Satisfactory Progress is ordinarily represented by an index of 2.0. Students with indexes below 2 are evaluated by the Academic Development Committee. Basing their judgment upon the students' tested potential, previous academic background, and calculated estimation of improvement, the Committee may permit students to continue in the college in good standing, under the guidance of academic advisors, for a stated time, thus giving them a chance to succeed. However, this does not automatically mean that such a student is eligible for financial aid. Such students should consult the Financial Aid section of this catalogue, the Registrar, and the Director of Financial Aid to determine their continued eligibility for financial aid.

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Full-time students are expected to complete their BA/BS degree within eleven (11) semesters at the minimum progress level outlined below:

At the end of this semester	1	2	3	4	5	6	7	8	9	10	11
Full-time students must have successfully completed at least this # of credits	8	20	32	44	56	68	80	92	104	116	128

Part-time students (those enrolled for less than 12 credits per semester) must complete their BA/BS degree within twenty-two (22) semesters at the minimum level outlined below:

At the end of this semester	1	2	3	4	5	6	7	8	9	10	11
Part-time students must have successfully completed at least this # of credits	4	8	14	20	26	32	38	44	50	56	62
Cont.											
At the end of this semester	12	13	14	15	16	17	18	19	20	21	22
Part-time students must have successfully completed at least this # of credits	68	74	80	86	92	98	104	110	116	122	128

The following will not be considered as credits successfully completed: “F” grades, “I” incompletes, “AB” absent from final exams, “WD” withdrawals. Courses that are repeated will count in the calculation of completed hours earned if the student receives a passing grade. Both the original grade and the repeated grade will appear on the transcript, but only the most recent grade will be calculated in the cumulative index. Credit for the course will be given only once. Only the last repetition of a course will be considered toward the number of credits successfully completed.

A transfer student, as any other student enrolling at the College for the first time, may initially be assumed to be maintaining satisfactory progress. Following this initial presumption of progress, the College will use the number of hours accepted as transfer credit from the previous institutions to place that student within its time frame. For example, a student who is accepted at the junior class level based on 60 transfer credits earned at other institutions would be placed at the fifth semester time frame.

At the end of each semester, the Registrar reviews the record of every student and refers to the Committee on Academic Development those who have failed to maintain an index of 2.0 and/or who have failed to complete successfully the minimum number of credits for their enrollment status (FT or PT). The faculty members, with the Academic Dean, Director of Counseling, and Registrar as consultants, endeavor to determine the causes of the academic difficulty and recommend adjustments in program for the following term. The faculty members of the Committee serve thereafter as special advisors to those students who have been referred to them.

Full-time students who, at the end of a semester, have not achieved an index of 2.0 or higher, and/or who have failed to complete successfully the minimum number of credits for their enrollment status, may not take more than 12 credits the following semester. Part-time students may not take more than 6 credits the following semester without special permission of the Academic Dean. Although the Committee on Academic Development reviews each case individually, students who continue to achieve below the required index of 2.0 and/or who have failed to complete successfully the minimum number of credits for their enrollment status will be advised to withdraw. Students who have been asked to withdraw may represent to the Academic Dean, in person or in writing, any relevant circumstances.

REINSTATEMENT. A student who has been asked to withdraw because of unsatisfactory progress may apply to be readmitted to the College. The procedure requires a written request, assessment of previous academic record and of potential, evidence of increased motivation, possible retesting, and approval of the Chairperson of the Major Department and the Academic Dean.

A student who has been reinstated is responsible for finding out the conditions, if any, which must be satisfied in order to obtain financial aid.

EXAMINATIONS. Final examinations are held at the end of each semester. Exceptions to this procedure require the approval of the Dean.

Real emergency such as illness is the only excuse for absence from an examination. A student who is absent from a final examination must call the Registrar on the day of the exam, giving the reason for the absence. Within one week, the student must write to the Academic Dean, stating the reason for the absence and requesting a make-up exam. A fee of twenty-five dollars is required for each late examination. By faculty regulation, a special examination may be given no sooner than two months from the date of the originally scheduled examination.

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The dates for such examinations are listed on the academic calendar; the hours are specified by the Registrar. Students must take the make-up exam at the time specified. A student who is absent from a make-up exam will receive a grade of zero for the exam.

INCOMPLETE. If a faculty member believes that a student, for a serious reason, should be allowed additional time in which to complete the requirements of a course, the faculty member may file a form with the Registrar to this effect. It is the responsibility of the student for whom such exception has been made, to see that the completed work is submitted to the Registrar **NO LATER THAN** three weeks after the closing date of the semester.

EXEMPTIONS. Students who have achieved a minimal class average of A- in a course may, at the discretion of the professor, be exempted from the final examination in that course.

GRADES AND REPORTS. Transcripts of courses and grades are issued at the end of each term. The final grade in each course is based on the class mark, weighted as 60-75% of the total, and the final exam mark, weighted as 25-40%. Grades are interpreted as follows:

<i>Quality</i>	<i>Grade</i>	<i>Percentage</i>	<i>Quality Points</i>
Excellent	{ A	93.0 - 100.00	4.0
	{ A-	90.0 - 92.9	3.7
Good	{ B+	87.0 - 89.9	3.3
	{ B	83.0 - 86.9	3.0
	{ B-	80.0 - 82.9	2.7
Satisfactory	{ C+	77.0 - 79.9	2.3
	{ C	73.0 - 76.9	2.0
	{ C-	70.0 - 72.9	1.7
Passing	{ D+	67.0 - 69.9	1.3
	{ D	63.0 - 66.9	1.0
	{ D-	60.0 - 62.9	0.7
Unsatisfactory	F	Below 60.0	0.0

WD Student officially withdraws from a course; no grade penalty.

Pass/No Credit Basis

Pass	P	60 - 100	-
Unsatisfactory	NC	Below 60	-

LEAVE OF ABSENCE. Students who find it necessary to interrupt their studies temporarily may apply for a leave of absence. The procedures are the same as for withdrawal from the College. (See below.) A student who is granted such a leave is considered a matriculated student, although not registered for courses, and may return at the termination of the leave without reapplying for admission.

WITHDRAWAL FROM THE COLLEGE. Students who plan to withdraw from the College should consult the Academic Dean and then file an official withdrawal form. All financial obligations to the College must be fully paid before a student may withdraw or graduate in good standing. In addition, a student who has received a scholarship or loan must have an exit interview with the Financial Aid Officer. (See Financial Aid Program.) It is important for financial aid purposes that the last date of attendance be officially recorded. The Administration of the College may require the withdrawal of any student whose academic record or conduct is judged unsatisfactory. St. Joseph's College is under no obligation to readmit students who have withdrawn from the College or who have been asked to withdraw.

STUDENT RETENTION AND GRADUATION. Of the students who entered St. Joseph's College (Main Campus) as full-time freshmen in September 1992, 77% were still enrolled in September 1993, 68% in September 1994, and 64% in September 1995. Of the original group, 58% graduated in June 1996 after eight semesters. Additional students graduated in June 1997, bringing the percentage of the original group to graduate to 64%. These figures refer only to students enrolled in Arts and Sciences at the Main Campus and do not reflect transfer students who joined the group at a later point. Retention and graduation figures for the Suffolk Campus and for the School of Adult and Professional Education are published in their respective catalogues.

HONORS

DEAN'S HONOR LIST. At the beginning of each term, the Dean publishes the names of those students who in the previous academic semester attained an index of 3.65 or higher. Part-time students who attain an index of 3.65 or higher in units of 15 consecutive credits are eligible for the Dean's List and must apply to the Registrar. (All courses in a given semester must be included, even if this brings the total number of credits above 15.) This list is posted on a special bulletin board in the main hall of the College, outside the Dean's Office.

DEPARTMENTAL HONORS AT GRADUATION. A cumulative index of 3.0 and an index of 3.70 in the major field are the minimum requirements. The faculty members of the department evaluate and vote on each academically eligible candidate as a person worthy of honors. Departments may limit the number of recipients to a percentage of their graduating majors.

DEGREE WITH HONORS. The degree with honors is the highest accolade. In order to be eligible for a degree with honors, students must have completed 60 credits at St. Joseph's College, not more than 12 of which may be Pass/No Credit. For the degree *summa cum laude*, a cumulative index of 3.90 will be required; for *magna cum laude*, 3.80; and for cum *laude*, 3.70. The required index must be met in two calculated indices: in the four-year cumulative index, including all credits and grades taken at other colleges; and in the last 60 credits taken at St. Joseph's College.

HONOR SOCIETIES

Membership in the honor societies is based on both academic and non-academic qualifications. While the requirement of superior academic achievement is common to all the societies, the nonacademic criteria for admission vary, according to the nature and purpose of the particular society.

Students who are academically eligible for an honor society, i.e., who have the required index, are notified by means of the Registrar's bulletin board. Eligible students must then submit to the Committee on Academic Development an honors application, demonstrating their possession of the specific qualifications required by the honor society to which they are applying. This honors application includes an essay by the candidate, a documented list of activities, and evaluations by faculty and others. The Committee on Academic Development reviews all applications and votes on membership in the honor societies.

SIGMA IOTA CHI

Membership in the College honor society, Sigma Iota Chi-SJC-is based on academic performance as well as upon outstanding personal qualities. These qualities must be reflected, at least in part, in some involvement and/or service in extra-curricular activity at the College. Candidates must be individuals who represent the ideals of St. Joseph's College. Students with an annual index of 3.67 based on grades earned at St. Joseph's are eligible for election to membership in Sigma Iota Chi for one year. Part-time students may request consideration for membership-after completing the equivalent of each year's work (30 credits). No students, full or part-time, may receive membership more than four times. A student who holds membership for three years receives the key of the society at Commencement.

KAPPA GAMMA PI

Kappa Gamma Pi is a national honor society for women and men graduates of colleges in the Catholic tradition. St. Joseph's was one of the original members of this organization. Candidates must have completed seven semesters with honors; i.e., they must be eligible for graduation *cum laude*. (See Degree With Honors, above.) In addition, they must be leaders in extra-curricular campus or volunteer off-campus activities, and must be willing to accept membership, knowing the responsibility for individual leadership in church, civic, and Kappa sponsored activity which membership implies. No more than ten percent of the graduating class may be elected.

DELTA EPSILON SIGMA

Delta Epsilon Sigma is a national scholastic honor society for undergraduates, faculty, and alumni of colleges and universities with a Catholic tradition. St. Joseph's was one of the founding colleges and is headquarters for the Epsilon Chapter. To be eligible for membership, candidates must be persons who have a record of outstanding academic accomplishment, who have shown dedication to intellectual activity, and who have accepted their responsibility of service to others. Juniors and seniors may be considered for membership, provided that they have completed one full year (30 credits) at St. Joseph's and have a cumulative index which, if continued, would make them eligible for graduation *cum laude*. (See Degree With Honors, above.) The Committee on Academic Development recommends eligible students to the Epsilon Chapter, which then votes on membership. No more than fifteen percent of a class may be elected; usually only ten percent may be elected in Junior year.

DELTA MU DELTA

Delta Mu Delta is a national honor society that recognizes business administration students who have distinguished themselves scholastically and who have demonstrated good character and the leadership potential for a socially useful and satisfying career of service. Membership is accorded to undergraduate seniors registered in programs of business administration who have a cumulative index of 3.2 or higher, are in the top 20 percent of their class, and are of good character. (A minimum of 18 credits in business administration must be completed at St. Joseph's College by the time of induction.)

PHI ALPHA THETA

St. Joseph's has a chapter, Phi Mu, of the international history honor society, Phi Alpha Theta. Membership in Phi Mu is open to the whole student body. Student membership is based on a 3.1 index in at least 12 credits of History and an index of 3.0 in 2/3 of the remaining courses. (Six of the 12 credits must be taken at St. Joseph's College. Advanced Placement courses do not count toward the 12 credits.)

LAMBDA PI ETA

Lambda Pi Eta is the national communication honor society sponsored by the National Communication Association. To become a member, a student must have completed at least 60 semester hours in college and at least 12 semester hours of communication study, have a cumulative GPA of at least 3.0, have a communication studies GPA of at least 3.25, be in the upper 35% of the graduating class, and display commitment to the field of communication. Minors and concentrates are eligible for membership, provided they meet the criteria.

AWARDING OF DEGREES

Graduation exercises are held annually in June at which time diplomas are distributed.

SPECIAL PROGRAMS

HONORS PROGRAM

The Honors Program is designed to provide a challenging learning experience for academically talented students, whatever their major field of study. Entering students are invited to join the program, based on SAT scores and high school average.

Focusing on the liberal arts, the program includes some special honors classes which bring the students together, beginning in freshman year. Students also have the option of undertaking honors work in regular classes. In addition, they are encouraged to make use of the cultural resources of New York City through a series of trips planned each year. A senior research project climaxes the program.

Students who complete the Honors Program receive a special notation on their transcripts.

ACCELERATED BIOMEDICAL PROGRAM

St. Joseph's offers an accelerated biomedical program in affiliation with The New York College of Podiatric Medicine.

For details, see the Biology Department offerings.

HIGH SCHOOL-COLLEGE ARTICULATION: BRIDGE PROGRAM

To provide a bridge between high school and college for qualified high school seniors, St. Joseph's College offers selected courses at Bishop Kearney High School. Courses are determined in consultation with the high school principal and the college department chairperson.

NON-MATRICULATED STUDENTS

Qualified high school seniors recommended by their grade advisors and/or principals may register for college courses for credit. (See also, Early Admission Plan.)

Adults who wish to take college courses offered during the regular day program may, with the approval of the Academic Dean, register as non-matriculated students. Such students should contact the Registrar.

A non-matriculated student may accumulate as many as 18 credits. The student may not take additional courses unless he/she applies and is accepted for matriculation. The person seeking to enroll in this category will be subject to the application requirements and procedures described in the Admissions section of this catalogue.

SUMMER SESSION AND INTERSESSION

A Summer Session and a January Intercession are held to accommodate students who for a variety of reasons wish to attend. Non-matriculated students are welcome.

Matriculated students who wish to attend other colleges should consult the preceding section on Courses at Other Colleges.

STUDENT'S RIGHT TO PRIVACY AND ACCESS TO RECORDS

Public Law 93-380, usually titled "Family Educational Rights and Privacy Act," or more often known simply as the Buckley Amendment, prohibits release of any material in a student's file without the written consent of the college student. This law also affords students the right to review the contents of their official academic folders, except for those documents excluded by Law 93-380, as amended.

Students who wish to inspect their folders are required to complete the REQUEST FOR DISCLOSURE OF STUDENT FILE INFORMATION. These forms are available in the Registrar's Office and in the Office of the Academic Dean. Students who wish to challenge the contents of their folders as inaccurate, misleading, or inappropriate, should follow the informal and formal proceedings outlined in the current Student Handbook.

STUDENT COMPLAINTS

A student who has a complaint about an academic matter should follow the procedures set forth in the ***Student Handbook*** under Student Grievance Procedures in Academic Matters. No adverse action will be taken against any student who files a complaint.

It is the responsibility of all students to inform the College of any change in their mailing address. Failure to do so relieves the College of any liability in the event that important correspondence is not received by the student.

DEPARTMENTAL OFFERINGS

Accounting
Biology
Business Administration
Child Study
Classics
Computer Science
Education
English
Fine Arts
 Art
 Dance
 Music
History
Human Relations
Mathematics
Modern Languages
 French
 Italian
 Spanish

Philosophy
Physical Education
Physical Sciences
 Chemistry
 Physics
Psychology
Religious Studies
Social Sciences
 Economics
 Political Science
 Sociology-Anthropology
Speech Communication
Interdisciplinary Courses
Area Studies

COURSE NUMBERS. Courses numbered 100 are open to all students without prerequisites. Ordinarily, courses numbered 200, 300, and 400 have prerequisites and may not be taken by freshmen. Consult the individual department course listing for exceptions to this general policy.

Students are advised to check the final schedule of courses published before each advisement period.

BIOLOGY

Carol J. Hayes, Ph.D., **Chairperson**

The biology courses are designed to contribute to the student's general understanding of the nature and interrelationships of living things. Courses for majors carry the additional aspects of providing a preparation for graduate and professional studies.

Core Courses: Biology 108, 110, 112, 115, 120, 145 or 150.

Major Requirements

Students who attain a minimum grade of C in Biology 150 and 151 may elect a major in the department. Continuation as a major depends on maintaining a minimum grade of C in each course required for the major.

Biology 151 is a prerequisite for advanced courses in Biology.

A Plan students are required to take 36 credits in Biology.

B Plan students must take 32 credits in Biology.

Required Courses: Biology 150, 151, 290, 330, 340, 380, 480

Chemistry 150, 151, 250, 251

Mathematics 205, 206

Physics 150, 151.

The senior research requirement may be satisfied during the summer by participation in nationally recognized competitive research programs for undergraduates. Criteria for acceptance are:

1. submission of a research paper
2. written evaluation from the research adviser at the institution attended
3. approval of the Chairperson and Academic Dean

Area of Concentration for Child Study Majors: Child Study majors will elect their courses (24 credits in the Biological and Physical Sciences) with the approval of the Child Study Department Chairperson and the Biology and Physical Sciences Chairpersons.

AFFILIATED PROGRAM OF ST. JOSEPH'S COLLEGE - THE NEW YORK COLLEGE OF PODIATRIC MEDICINE

St. Joseph's offers an accelerated biomedical program in cooperation with the New York College of Podiatric Medicine. A student accepted into the program will spend two years at St. Joseph's College and four years at the New York College of Podiatric Medicine. On completion of the St. Joseph's College component and one year at the New York College of Podiatric Medicine, the student will be awarded the B.S. degree in Biology by St. Joseph's College. On completion of the program at New York College of Podiatric Medicine, the D.P.M. (Doctor of Podiatric Medicine) will be awarded.

Students in the program will be expected to maintain an honors grade point average while they are at St. Joseph's College and to score satisfactorily in the Medical College Admissions Test (MCAT) which is taken in April of the second year.

For details of this program, students should consult the Chairperson of the Biology Department.

BIO 108 INTRODUCTION TO ECOLOGY

An introduction to the dynamics of how organisms and their environment interact. Special attention is given to finding solutions to local and national environmental problems. Field work involves the investigation of lake, bay, and ocean pollution; beach erosion; sand dune stabilization; soil analysis; the dynamics of Long Island's Pine Barrens; air pollution.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.
Spring Lab fee-\$30

BIO 110 CURRENT TOPICS IN BIOLOGY

A consideration of biological topics of current interest to society including genetic engineering, gene banks, the human genome project, in vitro fertilization, embryo banks, cloning, and cryogenics. The laboratory component will introduce the student to modern techniques employed by biologists in the investigation of the aforementioned topics.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits. Fall
Lab fee-\$30

BIO 112 BIOLOGICAL CONTROL SYSTEMS

A study of the nervous and endocrine systems and their relationship to normal and abnormal human behavior.

3 hours lecture a week, 1 semester, 3 credits. Offered when there is sufficient student demand.

BIO 115 INTRODUCTION TO HUMAN INHERITANCE

An introduction to the study of heredity and its relationship to human welfare.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits. Fall
Lab fee-\$30

BIO 120 HEALING POWERS OF PLANTS

Certain plants have long been known to cure human diseases and to act as stimulants, depressants, or hallucinogens. Students in this course will study local medicinal plants and will screen them for biologically active ingredients. Special attention will be paid to the roles of these ingredients in psychoactivity and in ameliorating disorders in a number of the body's systems.

2 hours lecture, 2 hours laboratory a week, 1 semester. 3 credits
Spring Lab fee-\$30

BIO 145 MARINE BIOLOGY

This course will explore the marine organisms: who they are, what they do, how they interact with one another and with the sea around them, and how their lives connect with ours. Attention will also be given to the oceans that sustain them. Extensive field work is involved.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.

Lab fee-\$30

BIO 150 GENERAL BIOLOGY I

An intensive study of the chemical and cellular basis of life, energy transformations in the cell, and the biology of organisms.

Prerequisite: Departmental permission.

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits. Fall

Lab fee-\$60

BIO 151 GENERAL BIOLOGY II

A continuation of Biology 150. Topics include cellular reproduction, patterns of inheritance, mechanisms of gene action, development, the biology of populations, and the diversity of organisms.

Prerequisite: Minimum grade of C in BIO 150

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.

Spring

Lab fee-\$60

BIO 200 GENERAL ECOLOGY

An introduction to ecological principles and their application to the solution of environmental problems. Topics include population dynamics, species interaction, biogeochemical cycles, ecosystem types, succession, Long Island ecology. Six 3-hour field trips and one all day (Saturday) field trip are required.

Prerequisites: BIO 151, CHE 151

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits. Fall

Lab fee-\$60

BIO 220 VERTEBRATE HISTOLOGY AND MICROTÉCHNIQUE

Microscopic anatomy of the fundamental tissues and organs of the vertebrates. Practice in the basic techniques involved in preparing tissues for microscopic study.

Prerequisite: BIO 151

2 hours lecture, 4 hours laboratory a week, 1 semester, 4 credits.

Offered when there is sufficient student demand. Lab fee-\$60

BIO 280 FIELD COURSE IN ECOLOGY

The application of basic ecological principles to a particular ecosystem. The course provides actual field experience in examination of the biotic and abiotic components of an ecosystem through residence at an established field station. This experience comprises the laboratory component of the course.

Prerequisites: **BIO 200** or **BIO 108** with instructor's permission

2 hours lecture a week, 7-10 days residence at the field station, 1 semester, 4 credits. Spring 2000

BIO 290 MODERN GENETICS

A study of the laws of heredity and variation including a consideration of their application to modern genetics problems: molecular genetics, physiological and biochemical genetics, mutagenesis and evolution.

Prerequisites: *BIO 151, CHE 151, CHE 251 concurrently*

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.

Spring

Lab fee-\$60

BIO 320 DEVELOPMENTAL BIOLOGY

A theoretical and experimental analysis of the fundamental problems of animal and plant development, gametogenesis and fertilization, patterns of morphogenesis, developmental organizers, environmental and molecular control of differentiation, inductive tissue interactions, regulatory role of hormones.

Prerequisites: *BIO 151, BIO 290*

2 hours lecture, 4 hours laboratory a week, 1 semester, 4 credits.

Fall

Lab fee-\$60

BIO 330 PHYSIOLOGY

Basic concepts in cellular and general physiology. Particular emphasis is placed upon nervous, muscular, cardiovascular, respiratory and renal systems.

Prerequisites: *BIO 151, CHE 151, CHE 251, PHY 150 concurrently*

3 hours lecture, 4 hours laboratory a week, 1 semester, 5 credits.

Fall

Lab fee-\$60

BIO 331 PATHOPHYSIOLOGY

A study of the disruption of homeostasis at the cellular, tissue and organ level in the human organism and its relationship to causative factors of disease.

Prerequisite: College level Anatomy and Physiology course

3 hours lecture a week, 1 semester, 3 credits. Fall, Spring

BIO 340 MICROBIOLOGY

An introduction to the fundamental principles governing the biology of bacteria, viruses, rickettsiae, yeasts, and molds. Special consideration given to a study of immunity, pathogenic varieties, antibiotics, and chemotherapy.

Prerequisites: *BIO 151, BIO 330, CHE 151, CHE 251*

2 hours lecture, 4 hours laboratory a week, 1 semester, 4 credits.

Spring

Lab fee-\$60

BIO 380 RESEARCH SEMINAR

An awareness of the problems and methods of research is fostered through a program of guided reading of scientific literature in preparation for research into a specific biological problem in the senior year. Progress reports are given and analyzed by the students.

Open to Junior level Biology majors only

1 hour a week, 1 semester, 1 credit. Spring

BIO 400 INTERNSHIP

Practical experience in a laboratory or other setting approved by the Department. Enables students to acquire skills appropriate to their career plans.

Prerequisite: Junior or Senior Biology major, 3.0 cum in major courses, acceptance at the cooperative institution, and Departmental approval.

A minimum of 130 hours is required, 3 credits.

BIO 420 BIORHYTHMS

A study of rhythmic phenomena in organisms with reference to clock hypotheses and the influence of environmental parameters such as light-dark cycles, temperature, and pervasive geophysical factors.

Prerequisites: BIO 151, BIO 330, CHE 151, CHE 251

3 hours lecture a week, 1 semester, 3 credits. Offered when there is sufficient student demand.

BIO 460 CELL BIOLOGY

A correlation of the structural aspects of the cellular organelles, with their biochemical characteristics and physiological activities. The emphasis will be placed on presentation of essential principles, processes, and methodology of cell biology.

Prerequisites: BIO 151, BIO 330, CHE 151, CHE 251

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.

Spring 2001, 2003

Lab fee-\$60

BIO 461 MOLECULAR BIOLOGY

A study of macromolecules, basic molecular processes and genetic phenomena in prokaryotes, eukaryotes, phage and viruses, with emphasis on both molecules and their biology. Topics include classical molecular biology (DNA, RNA and protein biosynthesis), recombinant DNA and genetic engineering, interactions of macromolecules and regulation of biologic systems.

Prerequisites: BIO 151, BIO 290, CHE 251

3 hours lecture a week, 1 semester, 3 credits. Fall 1999, 2001

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BIO 462 NEUROSCIENCE

An in-depth study of the nervous system. Neural anatomy, biochemistry, pharmacology, behavior and the alterations of these in various disease states will be studied.

Prerequisite: BIO 330

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.

Spring 2000, 2002

Lab fee-\$60

BIO 480 RESEARCH

Independent laboratory research required of majors in the senior year.

Prerequisite: BIO 380

3 credits for the year

Lab fee-\$60

BIO 490 ADVANCED PATHOPHYSIOLOGY

Application of basic pathophysiological principles to disruptions in organ system function. The clinical consequences of disordered physiology will be discussed with respect to major diseases of each system.

Prerequisite: BIO 331

3 hours lecture week, 1 semester, 3 credits.

BUSINESS ADMINISTRATION AND ACCOUNTING

Stanley F. Fox, Ph.D., **Chairperson**

Elizabeth A. McKaigney, M.B.A., **Associate Chairperson**

The fundamental objective of the undergraduate curriculum in Business Administration is to prepare students for managerial roles in business, government, and non-profit organizations. The required courses in the Business Program are designed to cover the various facets of the practice of business operations: Management, Marketing, Accounting, Economics and Finance, and Law. The elective courses in Business give students an opportunity to choose one area or a combination of areas for more intensive analysis. The courses in related disciplines are included to ensure the development of understanding and skills that will give depth and meaning to their business applications. The Department also offers a major in Accounting for those students interested in careers in public accounting, (Certified Public Accountant), industrial or private accounting, governmental and institutional accounting. A minor in Business Administration is offered for students majoring in other Departments.

The professional manager today is not only required to have special knowledge in business, but also to have an understanding of the humanities, behavioral sciences, social sciences, and natural sciences. To this end, all Business and Accounting major students are required to take 60 liberal arts credits which are designed to enhance their ability to reason logically, to think critically, to develop a value system, and to make decisions ethically.

Major in Business Administration: All students seeking a Bachelor of Science in Business Administration must complete the following curriculum:

Students must fulfill the requirements of the Core Curriculum. The following liberal arts courses, required by the Department, will satisfy the Core Curriculum:

Philosophy 160
Economics 120
Economics 226
Mathematics 113 (if needed)
Mathematics 200
Mathematics 201
Speech 102

The following course is required, but may not be offered for the Core Curriculum:

ENG 103

The following courses, which are not liberal arts courses, are also required:

COM 140

COM 141

REQUIRED BUSINESS COURSES

<i>Accounting</i>		<i>Credits</i>
ACC 110	Principles of Accounting	3
ACC 211	Financial Accounting	3
ACC 241	Cost Accounting	3
<i>Business Law</i>		
BUS 150	Business Law I	3
BUS 151	Business Law II	3
<i>Computers in Business</i>		
BUS 140	Microcomputer Applications I	3
[COM 140]		
Bus 141	Microcomputer Applications II	3
[COM 141]		
<i>Economics and Finance</i>		
BUS 219	Principles of Finance	3
BUS 222	Statistics	3
<i>Management</i>		
BUS 100	Process of Management	3
BUS 130	Organizational Behavior	3
BUS 230	Human Resources Management	3
BUS 472	Business Policy Seminar	3
<i>Marketing</i>		
BUS 200	Marketing	3
<i>Elective Business Courses</i>		(12 Credits)
(From Accounting, Management, Marketing, Economics and Finance.)		

Certificate in Information Technology Applications

For a description of the program leading to this certificate, see page 176.

Certificate in Leadership and Supervision

For a description of the program leading to this certificate, see page 178.

Certificate in Management

For a description of the program leading to this certificate, see page 178.

Certificate in Marketing

For a description of the program leading to this certificate, see page 179.

Major in Accounting: The major in Accounting is designed to prepare individuals for careers in public accounting or private accounting. The curriculum satisfies the requirements for admission to the New York State Certified Public Accountancy examination.

All students seeking a Bachelor of Science in Business Administration with a major in Accounting must complete the following curriculum:

Students must fulfill the requirements of the Core Curriculum. The following liberal arts courses, required by the Department, will satisfy the Core Curriculum:

Philosophy 160
Economics 120
Economics 226
Mathematics 200
Mathematics 201
Speech 102

The following course is required, but may not be offered for the Core Curriculum:

ENG 103

The following courses, which are not liberal arts courses, are also required:

COM 140

COM 141

REQUIRED COURSES

<i>Accounting</i>	<i>Credits</i>
ACC 110 Principles of Accounting	3
ACC 211 Financial Accounting	3
ACC 212 Intermediate Accounting I	3
ACC 213 Intermediate Accounting II	3
ACC 215 Principles of Federal Taxation	3
ACC 216 Advanced Federal & State Taxation	3
ACC 240 Advanced Accounting	3
ACC 241 Cost Accounting	3
ACC 317 Principles of Auditing	3
ACC 318 Accounting Theory	3

Business Law

BUS 150	Business Law I	3
BUS 151	Business Law II	3

Finance

BUS 219	Principles of Finance	3
BUS 324	Advanced Managerial Finance	3

Statistics

BUS 222	Statistics	3
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Other Required Business Courses

BUS 100	Process of Management	3
BUS 200	Marketing	3
BUS 140	Microcomputer Applications I	3
[COM 140]		
BUS 141	Microcomputer Applications II	3
[COM 141]		

Departmental Grading Policy.

- Accounting majors and Business majors are required to maintain a 2.3 cumulative index in Business courses and Accounting courses.
- Business majors are allowed a grade of D+ or lower in one Business or Accounting course, but must repeat all other Business and Accounting courses in which they attain a grade of D+ or lower.
- Accounting majors are allowed a grade of D+ or lower in one Business course, but must repeat all other Business courses in which they attain a grade of D+ or lower.
- Accounting majors are required to repeat any Accounting course in which they attain a grade of D+ or lower.

Students not achieving the Department's grading standards will not be eligible for a degree in Business Administration or Accounting.

Minor in Business Administration: Students majoring in other Departments may pursue a minor in Business Administration.

The minor consists of:

BUS 100	Process of Management	3 credits
BUS 150	Business Law I	3 credits
BUS 200	Marketing	3 credits
ACC 110	Principles of Accounting	3 credits

PLUS 2 more courses from a selected list of electives (available from the Business and Accounting Department).

TOTAL 18 credits

ACCOUNTING

ACC 110 PRINCIPLES OF ACCOUNTING

A study of accounting principles to enable the student to understand the preparation of financial statements. The course covers a study of the accounting cycle, the recording process, accounting systems and controls.

3 hours a week, 1 semester, 3 credits. Fall

ACC 211 FINANCIAL ACCOUNTING

A study of accounting principles as they apply to corporations, inter-company investments and international accounting. The course also covers fund statements and cash flow, budgeting and analysis of financial statements and partnership accounting.

Prerequisite: ACC 110

3 hours a week, 1 semester, 3 credits. Spring

ACC 212 INTERMEDIATE ACCOUNTING I

The underlying concepts and principles of financial accounting; interpretation and application of the pronouncement of accounting bodies such as FASB, AICPA, SEC and CASB.

Prerequisite: ACC 211

3 hours a week, 1 semester, 3 credits. Fall

ACC 213 INTERMEDIATE ACCOUNTING II

A continuation of Intermediate Accounting I emphasizing a critical study of current accounting theory and analysis of financial statements, long term liabilities, paid-in capital, retained earnings and reserves.

Prerequisite: ACC 212

3 hours a week, 1 semester, 3 credits. Spring

ACC 215 PRINCIPLES OF FEDERAL TAXATION

A study of Federal Revenue system, tax statutes, and the preparation of individual tax returns. The Internal Revenue Code and regulations along with court decisions are studied with particular attention as to how tax planning for individuals is affected. The case problem method is used, with the objective that the student be trained to cope with the tax problems encountered by an individual.

Prerequisite: ACC 213

3 hours a week, 1 semester, 3 credits. Fall

ACC 216 ADVANCED FEDERAL AND STATE INCOME TAXES

A study of federal tax statutes and the preparation of partnership, corporation, estate, gift and trust returns. A study of securities transactions, pension and profit sharing plans, stock options and foreign income taxation. The case problem method is used with the object that the student be trained to cope with the tax problems of business.

Prerequisite: ACC 215

3 hours a week, 1 semester, 3 credits. Spring

ACC 240 ADVANCED ACCOUNTING

A study of advanced accounting problems in areas such as consolidations, corporate merger and acquisitions, international accounting and foreign operations, and not-for-profit entities.

Prerequisite: ACC 213

3 hours a week, 1 semester 3 credits. Fall

ACC 241 COST ACCOUNTING

To familiarize the student with production and process cost accounting systems. Includes studies in job cost, process cost, and standard cost systems. Cost behavior and cost-volume-profit analysis is studied along with budgeting and cost finding tools and techniques.

Prerequisite: ACC 211

3 hours a week, 1 semester, 3 credits. Spring

ACC 317 PRINCIPLES OF AUDITING

An introduction to generally accepted auditing standards adopted by AICPA and releases by the Securities and Exchange Commission in conjunction with an expression of an opinion by independent public accountants. Attention to the ethics of the profession of public accounting and the study of internal control.

Prerequisite: ACC 240

3 hours a week, 1 semester, 3 credits. Fall

**ACC 318 ACCOUNTING THEORY AND
CURRENT ACCOUNTING DEVELOPMENTS**

An analysis of current accounting theory and literature. Particular attention is paid to the application of GAAP and AICPA Professional Standards and to financial accounting engagements.

Prerequisite: ACC 213, 241

3 hours a week, 1 semester, 3 credits. Spring

ACC 320 ACCOUNTING INFORMATION SYSTEMS AND E.D.P. AUDITING

A study of accounting and information computer systems and their application to accounting and auditing.

Prerequisite: *BUS 140, ACC 317*

3 hours a week, 1 semester, 3 credits. Fall 2001

COMPUTERS IN BUSINESS

BUS 140 MICROCOMPUTER APPLICATIONS I

(COM 140)

This course is designed as an introductory course to provide background necessary for the effective use of microcomputers. The emphasis is on the major applications of microcomputers: word processing, relational databases, spreadsheets and the use of the Internet. The course includes "hands-on" experience with common applications software. No previous computer related experience is necessary.

There are no prerequisites.

Note: Students may not offer this course toward the fulfillment of the Math core.

3 hours a week, 1 semester, 3 credits. Fall

BUS 141 MICROCOMPUTER APPLICATIONS II

(COM 141)

This course is intended for students from all disciplines. It will develop intermediate and advanced word-processing, spreadsheet and database techniques, including macros, report generation, database queries, importing and exporting files, address-books, labels, graphic, and table manipulation. It will also include expanded Internet and World Wide Web topics.

Prerequisites: *COM 140 or equivalent, or departmental approval.*

Note: Students may not offer this course toward the fulfillment of the Math core.

3 hours a week, 1 semester, 3 credits. Spring 2000, 2002

BUS 286 BUSINESS PROGRAMMING I

(COM 286)

This course will deal with business applications of the computer such as financial reporting, inventory analysis, modeling and forecasting. COBOL will be used with emphasis on file construction and data retrieval.

Prerequisite: *Any introductory computer course*

3 hours a week, 1 semester, 3 credits. Fall 2000, 2002

**BUS 287 BUSINESS PROGRAMMING II
(COM 287)**

This course is intended as a follow up to BUS 286. Various techniques in structured COBOL programming will be considered.

Prerequisite: BUS 286

3 hours a week, 1 semester, 3 credits. Spring 2001, 2003

**BUS 288 BUSINESS SYSTEMS AND DESIGN
(COM 288)**

The design and development of information systems for a business environment. Topics will include analysis of information flow, design of business systems, specifications, equipment selection, and file organization. Detailed steps for each phase of the design will be related to business applications on a full scale computer system.

Prerequisite: Any introductory computer course

3 hours a week, 1 semester, 3 credits.

Offered when there is sufficient student demand.

ECONOMICS AND FINANCE

**BUS 120 MACROECONOMICS
(ECO 120)**

National economic policy; inflation and unemployment in the business cycle; output and income determination; government expenditures and receipts; fiscal policy and monetary policy; Federal Reserve System and the banking system; variations in stabilization policy; the impact of capital-labor relations.

3 hours a week, 1 semester, 3 credits. Fall

**BUS 161 INTERNATIONAL ECONOMIC PROBLEMS
(ECO 161)**

Survey of current problems covering international trade, international finance, the relations between technologically advanced and less-developed nations, and various international institutions and markets for the promotion of sustainable economic growth. Focus on current issues in international economic policy.

Prerequisite: ECO 120

3 hours a week, 1 semester, 3 credits. Fall 2000, 2002

BUS 219 PRINCIPLES OF FINANCE

A survey of the role of finance in business management. Major areas of study include an examination of financial markets, financial organization of business entities, analysis of budgets, credit, equity, and debit financing, cash flow requirements, break-even analysis, the use of corporate securities in capitalization and asset management.

Prerequisites: BUS 100, ACC 211

3 hours a week, 1 semester, 3 credits. Fall

**BUS 221 LABOR ECONOMICS
(ECO 221)**

A study of the political economy of labor market demand and supply, the labor process and the philosophic foundations of various theories of labor. The course surveys the historical and current problems of labor organization and unions as well as the impact of race, gender and class on labor and income distribution.

Prerequisite: ECO 120

3 hours a week, 1 semester, 3 credits. Fall 1999

**BUS 222 STATISTICS
(ECO 222)**

Collection and tabulation of statistical data. Sampling. Probability. Binomial distribution and the use of the normal curve.

Prerequisites: MAT 113 or MAT 200

3 hours a week, 1 semester, 3 credits. Fall

**BUS 223 MONEY AND BANKING
(ECO 223)**

The roles of money and credit, financial markets and institutions, and central banking in the U.S. economy. The banking system and its relationship with the Federal Reserve System, as well as international banking issues and problems, will also be analyzed and explored.

Prerequisite: ECO 120

3 hours a week, 1 semester, 3 credits. Spring

**BUS 226 MICROECONOMICS
(ECO 226)**

Marginal analysis of demand and supply, the individual firm, and market microstructure. Consumer behavior and producer behavior. Alternative models of price determination and profit maximization. The relation between input and output markets.

Prerequisite: ECO 120

3 hours a week, 1 semester 3 credits. Spring

BUS 324 ADVANCED MANAGERIAL FINANCE

This course examines in detail the cost of capital, leverage, dividend policy, management of working capital, long term financing and expansion or failure of corporations.

Prerequisite: BUS 219

3 hours a week, 1 semester, 3 credits. Spring

INTERNSHIP

BUS 362 INTERNSHIP IN BUSINESS

A course designed to give an upper division Business Major the opportunity to experience a formal business environment as an application of the principles studied in the various business disciplines. A member of the Business Faculty will plan the program with the student, supervise its implementation and relate to the representative of the business firm acting as liaison.

Prerequisite: Senior or Junior Business Major with cum of 2.7 or higher and with permission of the Department

1 seminar hour per week/100 hours in the professional setting.

1 semester, 3 credits. Fall and Spring

LAW

BUS 150 BUSINESS LAW I

Introduction to legal environment of business. General survey of the legal system, court and procedures. Study of the law of contracts, agency, partnership and corporations. The course uses the case and text method.

3 hours a week, 1 semester, 3 credits. Fall 2000, 2002

BUS 151 BUSINESS LAW II

A continuation of Business Law I. Personal property, bailments, sales, commercial paper, creditors' rights, real property, secured transactions and regulations of business.

Prerequisite: BUS 150

3 hours a week, 1 semester, 3 credits. Spring 2001, 2003

MANAGEMENT

BUS 100 PROCESS OF MANAGEMENT

An introduction to the business decision-making process through the study of the theory and practice of management. The manager's tasks: planning, organizing, directing and controlling are reviewed through reading and case studies. The student is introduced to the concept of strategic planning and in line with today's emphasis on productivity, particular attention is paid to Human Resources and Motivation.

3 hours a week, 1 semester, 3 credits. Fall

BUS 130 ORGANIZATIONAL BEHAVIOR

An introduction to the study of management theory concerning human behavior in formal organizations. The student is given the opportunity to test theories through the analysis and discussion of a series of case studies.

Prerequisite: BUS 100

3 hours a week, 1 semester, 3 credits. Fall

BUS 230 HUMAN RESOURCES MANAGEMENT

A review of the theory of the effective management of human resources. The students examine employer-employee relations in such areas as equal employment opportunity practices, training and evaluation methods, compensation and reward or motivational programs, legal and regulatory requirements and the role of collective bargaining. The course utilizes the case method supplemented with an assigned text.

Prerequisite: BUS 100

3 hours a week, 1 semester, 3 credits. Fall

BUS 275 INTERNATIONAL BUSINESS

This course presents students with a global view of contemporary business. Techniques used by businesses to engage in international commerce are studied in conjunction with the cultural, social, economic, geographic, and political factors which affect the success of international business activities. Specific topics of study include international trade theories, global economic associations, the foreign exchange market, importing, exporting, global production systems, international marketing, and the assessment of the potential of specific international markets.

Prerequisites: BUS 200, ECO 120

3 hours a week, 1 semester, 3 credits. Spring 2001

BUS 376 PRODUCTION MANAGEMENT

A study of the nature of manufacturing and production activity, coordination of sales and manufacturing programs. Analysis of the most economical means of processing and the importance of automation.

Prerequisites: BUS 100, BUS 200

3 hours a week, 1 semester, 3 credits. Fall 2003

BUS 472 BUSINESS POLICY SEMINAR

An examination and integration of all the business aspects of an enterprise. The student is given the opportunity to review the principal functions of management such as production management, financing, human resources, marketing in specifically assigned case studies. Independent study is emphasized through a review of business cases and the use of an assigned text.

For senior Business Major students only.

3 hours a week, 1 semester, 3 credits. Spring

MARKETING

BUS 200 MARKETING

A study of the importance of marketing to society and to the economy, and its pivotal role in the business and non-profit sectors. The course provides a firm foundation in marketing principles and in the strategic marketing planning process.

3 hours a week, 1 semester, 3 credits. Spring

BUS 202 RETAIL MANAGEMENT

A study of the marketing of goods and services to the final customer. Topics include the structure of contemporary American retailing, assortment planning, inventory control, customer service, price, promotion and location strategies, international retailing, and the interrelationship of retailing, society, and the economy.

Prerequisite: BUS 200

3 hours a week, 1 semester, 3 credits. Fall 2001, 2003

BUS 204 MARKETING PROMOTION AND ADVERTISING

An intensive review and study of the promotion and sale of products or services. Both conceptual and applied approaches to such areas as advertising and public relations are used. The student will be required to develop a report on a promotion plan for a product or service.

Prerequisite: BUS 200

3 hours a week, 1 semester, 3 credits. Spring 2001, 2003

BUS 206 MARKETING RESEARCH

A study of the various research methodologies used in solving marketing research problems. Includes Research Design and Data Collection Methods (surveys, questionnaire design, sampling) to enable the student to make the best possible decision in exploring solutions to marketing problems and opportunities. A complete Marketing Research report is required.

Prerequisites: ECO 222, BUS 200

3 hours a week, 1 semester, 3 credits. Spring 2002

BUS 208 PUBLIC RELATIONS

The study of Public Relations and its role as a communications and marketing tool. Corporate image, external and internal communications, firms' relationships with various publics explored. Case study analysis and practice in writing press releases and other corporate communications expected.

3 hours a week, 1 semester, 3 credits. Spring 2000, 2002

CHILD STUDY

S. Miriam Honora Corr, Ed.D., *Chairperson*

Susan Straut Collard, Ph.D., *Associate Chairperson*

The courses in Child Study are designed to prepare students to work with children in a variety of settings, including preschools, elementary schools, and special education facilities. The curriculum emphasizes a developmental approach toward children, with a strong grounding in the psychological foundations of good educational practice. Various courses deal with children of all abilities and ages, from gifted children to those with severely delayed development, from newborns through childhood years. Emphasis is placed on practices which encourage inclusion of children with special needs and acknowledge the importance of cultural and linguistic diversity.

All students accepted into the department work toward a Bachelor of Arts degree in Child Study, with a 30-credit area of concentration in a field other than Child Study (as specified in the box page 76). These students must maintain an average in their major of C (2.0) or higher. Transfer students are required to take at least 15 of the credits in Child Study at St. Joseph's College.

Students who wish to teach, and who meet the academic and professional requirements of the department (see Child Study handbook), may elect instead to follow a certification plan. Successful completion of this more intensive program of study will qualify the student for initial certification in four areas: Early Childhood (birth-grade 2), Childhood (grades 1-6), Students with Disabilities: Early Childhood (birth-grade 2), and Students with Disabilities: Childhood (grades 1-6). These students must maintain an average in their major of B- (2.7) or higher. The New York State Education Department requires that in order to obtain initial certification, a student must (a) have met the college's requirements for the bachelor's degree, (b) have completed a finger printing packet distributed by the State Education Department; (c) have taken a Child Abuse workshop and a Prevention of School Violence workshop; and (d) have passed the New York State Certification Examinations – the Liberal Arts and Sciences Test (LAST), the Assessment of Teaching Skills-Written (ATS-W), and the Content Specialty Tests for each of the certifications. It is recommended that majors take the LAST in the second semester of sophomore year, the ATS-W in junior year, and the CST in the senior year. At the time of graduation, there is a fee of \$50 payable to the New York State Education Department for each initial certificate.

Any student enrolled in the Teacher Certification Plan, who will complete the program on or after Feb 2, 2004, must meet the new requirements for New York State Certification, effective as of that date.

These requirements will be printed in a supplement to this catalogue and distributed to all students by September 2000.

Dillon Child Study Center

The Dillon Child Study Center is the campus laboratory school for the department. The program, opened in 1934, is registered by the New York State Department of Education and licensed by the New York City Department of Health. In addition to services described elsewhere in this catalogue, the Center affords observation and practicum experiences for students in the Child Study Department, which makes a special commitment to the importance of the early childhood years. The Dillon Center exemplifies for them an educational facility that meets the needs of typically developing children as well as children with disabilities at the early childhood level of instruction.

Sister Helen Kearney, Ph.D., Educational Director.

Core Courses: Courses that may be elected by non-majors toward the core curriculum in the Division of the Social and Behavioral Sciences are the following: CS 101, 102, 121.

Child Study Major

Required for PreK-6 Certification

Freshman/Sophomore year: CS 101, 102, 121, SPC 102, 224

Sophomore year: CS 210, 211

Junior year: CS 301, 302, 303, 315

Senior year: CS 401, 410

Required for Dual certification for the Areas of Mental Retardation, Emotional and Behavioral Disorders, Learning Disabilities, and Multiple Disabilities.

All the courses required for PreK-6 Certification (except CS 315 and 401) and the following:

Junior: CS 321, 324, 325

Senior: CS 402, 422

In addition, dual certification students are required to take three (3) of the following courses: CS 230, (CH 230) CS 323, PSY 325, SPC 218, SPC 219, SPC 320

Prerequisites: CS 100 and 200 level courses are prerequisites for CS 300 courses; CS 300 courses are prerequisites for CS 400 courses.

Required for Annotation in Early Childhood Education: CS 306, an appropriate music course which can be taken as part of the core curriculum or CS 307, and CS 308. See chairperson for additional requirements.

Area of 'Concentration: Majors must take a concentration of 24 credits in one of the following areas: English, History, Human Relations, Mathematics, Political Science, Psychology, Science, Social Sciences, Sociology, Spanish, Speech Communication.

Student Teaching: To be eligible for student teaching (C.S. 410) in senior year, majors must receive approval from the Child Study Recommendations Committee. The Committee determines whether the student has demonstrated (a) the personal and professional qualities necessary for teaching, (b) good communication skills (written and oral), and (c) a cumulative average in the Child Study courses of B- (2.7) or higher. Application forms for student teaching for CS 410 and CS 422 must be submitted to the Coordinators of Field Placement within two weeks after registration days for seniors. A fee of \$25 will be charged for applications received after these dates. Majors should plan their programs so that a maximum of 12 to 15 credits will be taken in student teaching semesters to enable them to commit themselves to teaching responsibilities.

cs 101 CHILD PSYCHOLOGY AND DEVELOPMENT I

An introduction to the study of the child: historical survey; principles and theories of development; patterns of cognitive, social, emotional, and physical growth during the first two years; parent/child relationships, particularly attachment. Directed observations of young children.

3 lecture hours, 1 semester, 3 credits, Fall and Spring

cs 102 CHILD PSYCHOLOGY AND DEVELOPMENT II

A study of the patterns of physical, cognitive, social/emotional development of the child age two through adolescence, with emphasis on the preschool and middle-childhood periods. Topics include theories and research applicable to the developmental sequences in cognition, play and peer relationships; parent/child relationships; prosocial and moral development, cross-cultural perspectives, and contemporary issues of concern. Directed observations of children.

3 lecture hours, 1 semester, 3 credits. Fall and Spring

cs 121 PSYCHOLOGY OF THE EXCEPTIONAL CHILD

Basic psychological and social consideration of the major areas of exceptionality. Study of people with mental retardation, emotional or behavior disorders, learning disabilities, communication disorders, autism, hearing loss, vision loss, and physical and health disabilities.

Field trips, guest speakers, and films will be part of this course.

3 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 210A/210B PRESCHOOL EDUCATION PRACTICUM

A practicum in the laboratory school for the entire sophomore year. Intensive study of the Dillon Center model of preschool education with emphasis on the child development point of view and the importance of individual differences in planning activities and selecting materials. The role of the teacher and the assistant teacher in relation to the children and parents.

Prerequisites: Fulfillment of New York City Health Department regulations regarding medical exam, and State Central Register Clearance

Bi-weekly seminar for the year.

2 hours a week participation in the preschool. 1 credit per semester. Fall and Spring.

CS 211 FOUNDATIONS OF CHILDHOOD EDUCATION

A study of childhood education: curriculum programs; teaching methodology; community, parent and school relations, drug and alcohol education; AIDS education; multicultural education; inclusion; technology in education; functions of the school from the philosophical, social and historical perspectives. Guided observation in the elementary school.

3 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 230 EMOTIONAL/BEHAVIORAL DISORDERS IN CHILDREN AND YOUTH

(Formerly Emotional Disturbance in Children and Youth)

An overview of emotional and psychiatric disorders in childhood and adolescence ranging from debilitating psychiatric problems to transient situational disorders as related to the family, school, and community. Films and field trips are integrated in the course to increase understanding and sensitivity. The course includes the required NYS/NYC Board of Education curriculum in the identification and reporting of suspected child abuse or maltreatment. Various modes of treatment are discussed.

3 lecture hours, 1 semester, 3 credits. Fall

CS 231 RELIGIOUS DEVELOPMENT OF CHILDREN

Study of children's growth as related to their potential for religious development. Survey of materials and programs for religious instruction.

2 hours a week, 1 semester, 2 credits. Spring 1999

(An additional credit possible for independent study.)

(Course may not be included as part of the required courses in the major.)

CS 301 LITERACY AND LANGUAGE IN THE PRIMARY GRADES (Formerly Reading and Language Arts: Primary Grades)

A study of theoretical perspectives and practices of the reading process, methods and materials for group and individual instruction in the primary grades. Guidelines set forth by the National Council of Teachers of English (NCTE) and the International Reading Association (IRA) inform both content and structure of the course objectives.

2 lecture hours and junior practicum: 1 morning each week for the entire semester (a **minimum** of 30 contact hours) in a primary grade, 1 semester, 3 credits. Fall and Spring

CS 302 LITERACY AND LANGUAGE IN THE INTERMEDIATE GRADES

(Formerly Reading and Language Arts: Intermediate Grades)

A study of theoretical perspectives and practices of the reading process, methods and materials for group and individual instruction in the intermediate grades. Guidelines set forth by the National Council of Teachers of English (NCTE) and the International Reading Association (IRA) inform both content and structure of the course objectives.

Prerequisite: CS 301

2 lecture hours and junior practicum: 1 morning each week for the entire semester (a **minimum** of 30 contact hours) in an intermediate grade, 1 semester, 3 credits. Fall and Spring

CS 303 MATHEMATICS IN THE ELEMENTARY SCHOOL

A course designed to present the concepts, methods, and materials of developmental mathematics currently taught in the elementary school as outlined by the National Council of Teachers of Mathematics (NCTM). Topics include problem solving, assessment, use of manipulatives, hands-on experimentation lesson planning, and the social and psychological principles underlying mathematics instruction. Creation of a Mathematics Portfolio is an integral part of this course.

3 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 304 SCIENCE IN THE ELEMENTARY SCHOOL

Study of current science methods and materials used in elementary school. Emphasis on psychology of concept development. Study of New York State's recommended problem solving approach to teaching science in the elementary school. Hands-on experimentation and creation of a Science Portfolio.

2 lecture hours and 2 hours field work each week, 1 semester, 3 credits. Spring

CS 305 SOCIAL STUDIES IN THE ELEMENTARY SCHOOL

An examination of current trends, techniques, and developments in the social studies program for the elementary school.

2 lecture hours and 1 hour of independent study, 1 semester, 3 credits. Spring 1998

CS 306 CREATIVE ART ACTIVITIES IN THE ELEMENTARY SCHOOL

An introduction to artistic development and expression in childhood. Consideration of curriculum planning, methods and materials, guidance techniques, and special education classes.

2 lecture hours and 1 hour of independent study, 1 semester, 3 credits. Fall

CS 307 MUSIC IN THE ELEMENTARY SCHOOL

An investigation and appreciation of the music interests and abilities of children. A studio course designed to develop the musical skills which a teacher needs to feel comfortable using music across the curriculum in the elementary general, special and inclusive classroom.

3 lecture hours, 1 semester, 3 credits. Spring 2001

CS 308 EDUCATION FOR PRESCHOOL AND KINDERGARTEN YEARS

An interactive exploration of the basis for quality early childhood curriculum planning. Students are encouraged to work with the instructor and in small groups to investigate the origins of curriculum and the potential of materials for a young child's cognitive, emotional, social, and physical development.

2 hours a week, 1 semester, 2 credits. Spring

(An additional credit possible for independent study).

CS 315 INSTRUCTIONAL STRATEGIES FOR THE INCLUSIVE CLASSROOM

A study of classroom management practices and adaptive instructional and social/behavioral strategies currently implemented in inclusive classrooms for students with diverse learning and social/behavioral needs. An examination of the philosophy of inclusion as it applies to collaboration, assessment, accommodations, and cultural diversity. Opportunities for interpretation of the IEP, referral procedures, and diversified roles of service providers.

3 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 321 PSYCHOEDUCATIONAL ASSESSMENT

Study of procedures currently used in the assessment of school-aged children, particularly those receiving or being considered for special education services. Hands-on activities with representative measures of intelligence, academic skills, perception and language, and behavior. Directed practice in administration, scoring, and interpretation of standardized tests.

2 lecture hours and 1 hour of independent study, 1 semester, 3 credits. Spring

CS 323 CHILDREN WITH LEARNING DISABILITIES

An introduction to the study of children with learning disabilities. Topics include theoretical perspectives, assessment, teaching methodologies and materials, diversified learning styles, and current research trends in the field. With an emphasis on inclusion, the course is designed for special education and general education teachers.

3 lecture hours, 1 semester, 3 credits. Spring

CS 324 SPECIAL EDUCATION: CURRICULUM, METHODS, MATERIALS I

Study of curriculum, methods, and materials used with children who have mental retardation, visual impairment, hearing impairment, and those who are gifted. Preservice teachers will develop the ability to understand the role of educational service, plans (IEP, IFSP, and ITP) designed for students with special needs.

2 lecture hours and 2 hours of field work each week in classes serving children with special needs. 1 semester, 3 credits. Spring

CS 325 SPECIAL EDUCATION: CURRICULUM. METHODS, MATERIALS II

Study of curriculum, methods, and materials used with children who have learning disability, ADD/ADHD, autism, emotional or behavior disorder, orthopedic and/or health impairment, and multiple/severe disability. Focus areas include an emphasis on inclusion, the importance of early intervention, and adaptive instruction.

2 lecture hours and 2 hours of field work each week in classes serving children with special needs. 1 semester, 3 credits. Fall

CS 352 CLASSROOM MANAGEMENT

A course designed to develop the necessary teaching skills needed to promote a positive atmosphere in the classroom. A variety of models, theories and philosophies pertaining to classroom management will be explored and opportunity for application will be provided.

Prerequisite: CS 211

1 credit, 15 hours. Summer

CS 401 RESEARCH IN CHILD DEVELOPMENT AND CHILDHOOD EDUCATION

Introduction to research in the fields of child development and education. With individual guidance, students select a topic of interest, review relevant literature, arrange for a sample of participants, conduct a simple project exploring this topic, and write up their research following APA standards.

(Students seeking dual certification should take CS 402 instead).

Required for PreK-6 certification

2 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 402 RESEARCH IN SPECIAL EDUCATION

Introduction to research into the development and education of individuals with special needs. With guidance, students select a topic of interest, review relevant literature, design and conduct a simple project exploring this topic, and write up their research following APA standards.

(Required for Special Education certification.)

2 lecture hours, 1 semester, 3 credits. Fall and Spring

CS 410 STUDENT TEACHING IN THE ELEMENTARY SCHOOL PreK-6

Observation and supervised practice teaching in the kindergarten and elementary grades arranged to meet the requirements of the PreK-6 certificate in New York State. Required weekly seminar.

(Grade of B- or higher required for a student to be recommended for New York State Certification).

Prerequisite: Approval of Recommendations Committee.

One semester in the schools: 5 mornings and 1 afternoon a week, 6 credits. Fall and Spring

CS 422 SPECIAL EDUCATION PRACTICUM

Observation and supervised student teaching in self-contained, special education classes, inclusive classes, or resource rooms. Special hours for required weekly seminars and individual conferences.

(Grade of B- or higher required for a student to be recommended for New York State Certification).

Prerequisite: Approval of Recommendations Committee.

One semester in a special class: 150 hours, 4 credits. Fall and Spring

CLASSICS

The courses in classics aim to impart a knowledge and appreciation of the ancient Greek and Latin cultures that have contributed so largely to the foundations of western civilization and have influenced so many fields of thought even to the present day.

Core courses: CLA 112, 122, 154.

CLA 112 CLASSICAL LITERATURE ENG 112

A study of the human experience as reflected in the work of the great classical writers, such as Homer, Hesiod, Sophocles, Cicero and Virgil. The influence of the classics on western literature will be examined. This course may be credited to Classics or English.

3 hours a week, 1 semester, 3 credits. Fall, Spring

CLA 122 THE GLORY THAT WAS GREECE: THE GRANDEUR HIS 122 THAT WAS ROME

An in-depth study of the Greco-Roman culture and civilization. Special attention will be given to the political, social, economic and cultural life of both peoples against the world setting in which they both rose, flourished, and declined. This course may be offered for Classics or History.

3 hours a week, 1 semester, 3 credits. Fall

CLA 154 SOURCES OF GREAT WESTERN IDEAS PHI 154

A study of the classical origins of Western philosophy in Greece and Rome with special emphasis on its relevance for modern times.

This course may be credited to Classics or Philosophy.

3 hours a week, 1 semester, 3 credits. Spring

COMPUTER SCIENCE

While one may not major in Computer Science on the Brooklyn campus of St. Joseph's College, several options, short of a full major, are available. A student may select from the following options:

- A Minor in Computer Science
- A Minor in Computer Information Systems
- A Certificate in Information Technology Applications

While the Minor in Computer Science is specifically designed to articulate with Master's Degree programs in Computer Science, all three options provide a solid foundation in their respective areas. Whether in preparation for graduate study or employment, Computer Science courses at St. Joseph's College are designed to satisfy a wide range of interests.

Computer Science courses all carry the COM prefix. Those courses which may earn students Business Administration credit are cross-listed under that department's heading. Full descriptions of all Computer Science courses are given in a special section in the Mathematics Department beginning on page 127.

COM 140	Microcomputer Applications I
COM 141	Microcomputer Applications II
COM 150	Introduction to Computer Programming
COM 152	Computer Programming
COM 154	Applications of the Computer
COM 200	Computer Science: An Overview
COM 210	Algorithms and Data Structures
COM 249	Computer Organization and Assembly Language
COM 286 (BUS 286)	Business Programming I
COM 287 (BUS 287)	Business Programming II
COM 288 (BUS 288)	Business Systems and Design
COM 310	Operating Systems

EDUCATION (SECONDARY)

S. John Raymond McGann, Ph. D., *Chairperson*

Plan B, a program designed to prepare teachers for secondary schools, grades 7-12, offers students the opportunity to acquire the competencies needed for effective teaching of English, Mathematics, Spanish, Social Studies, Biology, Chemistry, and Speech. The program is approved for provisional teacher certification by the State Education Department. According to the regulations of the Regents of the State of New York, students must also achieve passing scores on the NYSTCE Liberal Arts and Sciences Test (LAST) and the Assessment of Teaching Skills-Written (ATS-W) to receive a certificate to teach in New York State and present evidence of participation in a Child Abuse Workshop.

St. Joseph's collaborates with Brooklyn Technical High School in conducting the program which is competency-based. Faculty of both institutions work together to assist students to develop the knowledge, skills, and attitudes needed by competent teachers.

Plan B students major in the subject they expect to teach. Specific requirements for the major are stated under each department's offerings. In order to be recommended for student teaching, students must have a major cumulative index of 2.7.

All B Plan students must complete satisfactorily one year of a foreign language, two approved speech courses (three for English majors), and must demonstrate acceptable speech.

All students preparing to teach are encouraged to take at least one computer course.

Professional competence is developed through a sequence of courses which integrate theory and practice and which introduce the prospective teacher to working with students and teachers in a variety of school situations and in roles of increasing responsibility.

Candidates usually enter the program as sophomores. With the permission of the department, later entrance may be permitted.

Other students may elect Education courses with permission of the department.

Any student on the B Plan who will complete the program as of or after February 2, 2004 must meet the new requirements for New York State Certification, effective as of that date.

These requirements will be printed in a supplement to this catalogue and will be distributed to all students by September 2000.

Core Course: Education 115, Educational Psychology, may be offered to fulfill the requirement in the Social and Behavioral Sciences.

Plan B: Secondary Education (Grades 7-12)

Teacher of Biology	French
Teacher of Chemistry	Spanish
Teacher of English	Mathematics
	Social Studies
	Speech

Required Courses (19 credits)	credits
EDU 115	3
PSY 220	3
EDU 234	2 or 3
EDU 360	3
EDU 361-366	2
EDU 473 or 474	6

Required Speech Courses (6 or 9 credits)	
SPC 102	3
One other approved Speech course	3
SPC 217 (for English majors only)	3

Suggested Electives	
CS 121	3
CS 315 or 323	3

Teacher of Speech:	
Requirements as above under Plan B	
CS 102	3

EDU 115 EDUCATIONAL PSYCHOLOGY

An introduction to the psychological foundations of education, aimed at developing basic competence in the understanding of growth and development, the psychology of personality and adjustment, the assessment and handling of individual differences, and the psychology of learning.

Observation and application in a field experience required of B Plan students.

Usually taken in sophomore year.

3 hours a week, 1 semester, 3 credits. Fall

**EDU 234 SOCIOLOGICAL AND PHILOSOPHICAL
FOUNDATIONS OF EDUCATION**

An inquiry into the process of education as seen by the sociologist and the philosopher. Examination of selected contemporary problems, with emphasis on the needs of the urban school and a multicultural society.

Weekly observing and assisting in a classroom required of B Plan students.

Usually taken in junior year.

2 hours a week, 1 semester, 2 credits. (An additional credit possible for independent project). Spring

**EDU 251 REMEDIAL READING IN THE SECONDARY
SCHOOL**

An introduction to methods and materials useful in the teaching and/or tutoring of secondary school students (grades 7-12) who have reading difficulties.

Recommended for all prospective secondary school teachers.

1 hour a week, 1 semester, 1 credit. Fall

**EDU 256 TEACHING ENGLISH TO SPEAKERS OF OTHER
LANGUAGES**

A study of the theory, methods and materials used in the teaching of English to speakers of other languages. Topics include the cultural, psychological and linguistic considerations in teaching/learning a second language and the place of ESL in bilingual education.

Departmental approval required

2 hours a week, 1 semester, 2 credits. Fall

Senior Methods Block

The general and special methods courses, taken just prior to student teaching, are considered an integrated block, with a team of college instructors working together with high school teachers to help students develop competence. The total experience includes regular field work, supervised by the college, in one or more schools where students observe, tutor, assist with small groups, and begin to teach.

During the fall semester, students spend one morning a week in Brooklyn Technical High School as part of their methods courses.

EDU 360 METHODS OF SECONDARY EDUCATION

A combined college-field course, seeking to develop competence in areas of common concern to secondary school teachers: the adolescent, curriculum, materials of instruction, methods, planning, motivation, evaluation, classroom management, technology, guidance and clarification of values, drug and alcohol education. Microteaching and classroom observation and practice.

Prerequisites: EDU 115, PSY 220

3 hours a week plus field work, 1 semester, 3 credits. Fall

**EDU 361 METHODS OF TEACHING ENGLISH IN
SECONDARY SCHOOL**

A study of aims, methods, and materials for the teaching of the language arts: composition, language, literature, reading, and speech. Observation and practice in teaching.

2 hours a week plus field work, 1 semester, 2 credits. Fall

EDU 362 METHODS OF TEACHING SPEECH

A study of topics related to teaching speech communication at all levels, K-12: goals, current trends in curriculum development, instructional materials, teaching techniques, evaluation, professional growth. Observation and practice at various grade levels.

3 hours a week plus field work, 1 semester, 3 credits. Fall

**EDU 363 METHODS OF TEACHING HISTORY AND SOCIAL
STUDIES IN SECONDARY SCHOOL**

A study of objectives, values, and problems of teaching history and social studies; curriculum and materials; classroom procedures and techniques; assessment of outcomes. Observation and practice in teaching.

2 hours a week plus field work, 1 semester, 2 credits. Fall

**EDU 364 METHODS OF TEACHING MATHEMATICS IN
SECONDARY SCHOOL**

A study of objectives and methods of teaching mathematics; recent curricular developments and their impact on methodology; practice in diagnosing errors and rating papers. Observation and practice in teaching.

2 hours a week plus field work, 1 semester, 2 credits. Fall

**EDU 365 METHODS OF TEACHING MODERN LANGUAGE IN
SECONDARY SCHOOL**

A study of varied approaches to language learning; integration of culture and language; curriculum, materials, and planning for teaching Spanish. Observation, demonstrations, and practice in teaching.

2 hours a week plus field work, 1 semester, 2 credits. Fall

**EDU 366 METHODS OF TEACHING SCIENCE IN
SECONDARY SCHOOL**

A study of aims, methods, and materials for teaching the physical and biological sciences. Extensive field work including observation, demonstrations, and practice in presenting lessons.

2 hours a week plus field work, 1 semester, 2 credits. Fall

EDU 473 SUPERVISED TEACHING IN SECONDARY SCHOOLS

Observation and supervised practice teaching, a minimum of five mornings a week, in a secondary school. Concurrent group and individual conferences, reports and discussions.

Prerequisites: Two approved speech courses; approval of Faculty Recommendations Committee.

1 semester, 6 credits. Spring

EDU 474 SUPERVISED TEACHING OF SPEECH

Observation and practice teaching, a minimum of five mornings a week, in a speech program with emphasis on speech improvement. Concurrent group and individual conferences, reports and discussions.

Prerequisite: Approval of Faculty Recommendations Committee.

1 semester, 6 credits. Spring

Career Education

The following courses are offered as a service to all students in the College by the Director of Counseling and Career Services.

EDU 180 SELF EXPLORATION AND CAREER SEARCH I

An interdisciplinary approach to expanding knowledge of oneself in relation to a fuller life and the choice of a career. Value clarification, decision making, theories of career development, sources of career information, avocational interests.

Suggested for sophomores and juniors.

75 minutes a week for 10 weeks, 1 credit. Fall

EDU 181 CAREER SEARCH II

An interdisciplinary approach to career possibilities and the skills needed to find employment in a chosen career. The self-inventory, resume writing, the job interview, sources of career information, field trips and related experiences.

Suggested for juniors and seniors.

75 minutes a week for 10 weeks. 1 credit. Spring

ENGLISH

Margaret Jennings, Ph.D., *Chairperson*

As one of the formative experiences of civilized life, the study of literature is an integral part of every person's intellectual development. All students, therefore, are encouraged to take a course in the 100 range which will extend the skills attained in Writing for Effective Communication and focus them on an understanding and appreciation of literary genres worldwide or of the multi-ethnic dimensions in American literature.

Courses at the 200 level are delimited geographically and historically and aim at more sophisticated literary study; 300 level courses explore the works of individual themes or authors; 400 level courses are generally restricted to junior and senior majors. The wide spectrum of literary and historical periods covered in the English department offerings provides for comprehensive background and the possibility of specialization in such areas as Major Authors, the American Experience, British Literature, and Creative Writing.

Core Courses: ENG 103, all 100 level literature courses at or above ENG 112,

The Major: 36 credits in addition to those earned in ENG 101 or 103. 18 of the 36 credits in courses above the 100 level. One course must be in literature of the English Renaissance and one must be in vernacular literature before 1550.

Required of Juniors

ENG 485

1 credit

Required of Seniors

ENG 486, ENG 402, ENG 403

8 credits

The Minor: 18 credits in English, American or World Literature, i.e., those courses listed in the catalogue including or above ENG 112. Twelve of these credits must be at or above the 200 level.

B Plan: 36 credits in addition to those earned in ENG 103.

18 of 36 credits above the 100 level.

The 36 credits must include a writing course and one course in each of the following: American, British, World Literature.

Speech 102 is required: two additional Speech Arts courses must be taken.

Area of Concentration for Child Study Majors: twenty-four credits in English in addition to those earned in English 103; fifteen of the twenty-four credits must be in courses above the 100 level.

N.B. for Transfer Students:

Because the English Department requires that 18 of the 33 major credits be in courses at the 200 level or above, transfer students who have completed a program in Creative Writing will probably need all 18; those who have taken a literature sequence will have each course evaluated in reference to the St. Joseph's College Catalogue. Introductory courses will transfer at the 100 level; more specialized studies may transfer at the 200 level. Developmental or remedial courses do not count toward the major; neither does any standard Composition course which is a College requirement.

ENG 103 WRITING FOR EFFECTIVE COMMUNICATION

Analysis and application of the principles of effective writing. Skills development in the performance of various writing tasks. Research techniques are also implemented.

3 hours a week, 1 semester, 3 credits. Fall and Spring

ENG 104 NARRATIVE WRITING

Introduction to narration: essentials, informational narratives, types; elements of the short story: plot, characterization, setting, dialogue.

Prerequisite: English 103 or written permission of the chairperson.

3 hours a week, 1 semester, 3 credits. Spring 2000

ENG 105 CREATIVE WRITING

Introduction to creative writing: various exercises in fiction, nonfiction, poetry, playwriting; opportunity to develop skill in gothic style, fantasy, and storytelling.

Prerequisite: English 103 or written permission of the chairperson.

3 hours a week, 1 semester, 3 credits. Spring 2001

ENG 106 INTERMEDIATE FICTION WRITING

Further development of the writing skills acquired in English 104 and 105. The class will function as a workshop: students will be expected to read their work, give critiques of their classmates' work, and meet fairly regularly in individual conferences with the teacher.

Prerequisite: English 104 or 105 or written permission of the chairperson.

3 hours a week, 1 semester, 3 credits. Fall 1999

ENG 107 ADVANCED FICTION WRITING

A course in advanced writing designed to give students an opportunity to develop skill in the writing of the short story. Students will also be expected to read work in progress and criticize each other's writing in class.

3 hours a week, 1 semester, 3 credits. Fall 2000

ENG 108 JOURNALISM

Designed to introduce students to the principles of journalistic writing, the basic elements and issues of news stories, and the expository and investigative techniques essential for successful communication in the mode.

3 hours a week, 1 semester, 3 credits. Fall 1999

ENG 109 ANALYTICAL WRITING

This course will emphasize the identification of the "organizational structure" of the written word—our own and others. By attending not only to rules, grammar, style and usage, but also to the reasoning behind the written word, students will also refine their ability to critique and write text.

Prerequisite: ENG 103

3 hours a week, 1 semester, 3 credits. Spring 1998, 1999

ENG 110 COMMUNICATION FOR PROFESSIONALS

This course is designed to provide students with communication theories and proficiencies needed in professional organizations. Students will study the structural principles of this type of communication and its specialized writing techniques and formats, strengthen critical and editing skills, polish grammar and vocabulary, examine verbal and non-verbal communication modes, develop expertise in speaking and listening effectively.

3 hours a week, 1 semester, 3 credits. Fall 2000

ENG 111 THE LANGUAGE OF FILM

A study of what is probably the most current and most popular form of communication. Film lectures will center on the history and development of film as an art form; class sessions will also include the viewing of selected short and feature films as well as discussion and written evaluation. This course does not fulfill core requirement.

3 hours a week, 1 semester, 3 credits. Spring 2001

ENG 112 CLASSICAL LITERATURE

CLA 112

A study of the human experience as reflected in the work of the great eastern classical writers, such as the authors of the *Bhagavid Gita* and *Gilgamesh*, as well as Homer, Sophocles, Euripides and Virgil. The influence of the classics on western literature will also be examined. This course may be credited to Classics or English.

3 hours a week, 1 semester, 3 credits. Spring 2000

ENG 113 INTRODUCTION TO DRAMA

Reading and discussion of plays representative of the richness in varying cultures and periods of World Drama designed to ask and answer the question: "What is the underlying, basic notion of the dramatic form?"

3 hours a week, 1 semester, 3 credits. Spring

ENG 114 INTRODUCTION TO POETRY

A study of selected poems which embody the varieties of cultural experience. Poetic techniques will be examined in the work of diverse voices such as Rios, Lord, Giovanni, Angelou, and Brooks.

3 hours a week, 1 semester, 3 credits. Fall

ENG 115 THE SHORT STORY

Definition, characteristics, developmental history, and stylistic trends of the short story as a literary form in different cultural traditions. Reading and interpretation of representative modern short stories both in English and in translation.

3 hours a week, 1 semester, 3 credits. Fall and Spring.

ENG 123 FICTIONAL NARRATIVE

An introductory survey of fictional narrative as exemplified in the novel and short story. Salient examples of each genre will be read and discussed.

3 hours a week, 1 semester, 3 credits. Fall

ENG 124 POETRY AND DRAMA

An introductory survey of poetic and dramatic forms. Exemplars will be chosen from diverse periods in literary history.

3 hours a week, 1 semester, 3 credits. Spring

ENG 199 SUPERVISED INTERNSHIP

Designed to give professional experience in a business organization whose activities require the communication and research skills developed by English majors. The student is expected to work 100 hours with or without remuneration during the internship, keep a log, and submit a paper applying the skills developed in various English courses to the internship assignment. A member of the English faculty will supervise the internship and will receive and consider the evaluations made by a representative of the business in assessing student performance.:

1 semester, 3 credits.

Suggested Background for Courses in the 200-300 range:

Course	Background
ENG 219, 221	ENG 112
ENG 234, 235	ENG 114, 115
ENG 245	ENG 241
ENG 253	ENG 114
ENG 257	ENG 115
ENG 258, 259	ENG 115, 257
ENG 320	ENG 112, 221
ENG 332	ENG 113, 219

ENG 217 MEDIEVAL THEMES IN MODERN LITERATURE

An exploration of the impact of medieval literary concerns on twentieth century texts. Particular attention will be paid to contemporary presentations of King Arthur and Camelot, and to the ways in which apocalyptic and allegory have inspired modern authors.

3 hours a week, 1 semester, 3 credits. Spring 2001

ENG 218 MEDIEVAL LITERATURE

An introduction to the literary heritage of the Western Middle Ages, with special emphasis on the Spanish, French, Italian, and Latin backgrounds of Middle English. Rescued from obscurity are such important texts as the *Owl and the Nightingale*, the *Apocalypse of Golias*, and the *Testament of Cresseid*, while the student is also invited to browse in the gardens of medieval romance, epic, and lyric.

3 hours a week, 1 semester, 3 credits. Spring 2000

ENG 219 LITERATURE OF THE ENGLISH RENAISSANCE

Nondramatic literature of the English Renaissance as exhibited in the more important works in verse and prose of such representative writers as More, Sidney, Spenser, Marlowe, and Shakespeare.

3 hours a week, 1 semester, 3 credits. Spring 2001

ENG 221 SEVENTEENTH CENTURY LITERATURE

The prose and poetry of the seventeenth century with religious, political, and social backgrounds; the Puritan, the Cavalier, and the Metaphysical writers of the century; the Restoration and its literature.

3 hours a week, 1 semester, 3 credits. Spring 2000

ENG 222 EIGHTEENTH CENTURY LITERATURE

The prose and poetry of the eighteenth century with political and social backgrounds; from the time of Pope through the days of Dr. Johnson; discussion of the beginnings of romanticism.

3 hours a week, 1 semester, 3 credits. Spring 2001

ENG 233 PROSE AND POETRY OF THE ENGLISH ROMANTIC MOVEMENT

A study of the complete works, including poetry and prose, of the six major Romantic poets; Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats.

3 hours a week, 1 semester, 3 credits. Spring 2000

ENG 234 VICTORIAN LITERATURE

A study of representative Victorian poets and prose writers such as Tennyson, Browning, Mill, Arnold, Newman and Hopkins; current social and intellectual movements with relation to the literature of the period.

3 hours a week, 1 semester, 3 credits. Fall 2000

ENG 241 THE RISE AND DEVELOPMENT OF THE NOVEL

The novel: its roots and development from Greek literature to the 19th century.

3 hours a week, 1 semester, 3 credits. Fall 2001

ENG 245 MODERN BRITISH NOVEL

Beginning with Thomas Hardy, this course will explore the development of the British novel within the context of the experimental techniques of continental fiction.

3 hours a week, 1 semester, 3 credits. Fall 2000

ENG 253 MODERN POETRY

An in-depth study of Eliot, Frost, Yeats, and Stevens with side glances at Williams, Pound, Thomas and their poetic colleagues. Limited to poetry written in English.

3 hours a week, 1 semester, 3 credits. Fall 2000

ENG 256 THE BIBLE AS LITERATURE

A study of the historical development of the English Bible; the literary analysis of selections from both Old and New Testaments with emphasis upon the poetry and narrative elements; the relationship between the 1611 translation of the English Bible and the mainstream of British and American Literature.

3 hours a week, 1 semester, 3 credits. Fall 1999

**ENG 257 COLONIAL AND EARLY NATIONAL AMERICAN
LITERATURE**

To examine the inter-relationship of literature and environment as evidenced in the writings of the period of 1620-1840, the course will stress those elements of the literature that reveal its European origins and at the same time attempt to surface those elements that are unquestionably American.

3 hours a week, 1 semester, 3 credits. Fall 2001

ENG 258 AMERICAN RENAISSANCE

This course will include a study of American writers of the period 1840-1900. It will concern itself with the development of a uniquely American literature and focus on Emerson, Thoreau, Hawthorne, Melville, Poe, Dickinson, Whitman, and Twain.

3 hours a week, 1 semester, 3 credits. Spring 2000

ENG 259 MODERN AMERICAN NOVEL

An examination of the new fictional techniques and thematic concerns of the American novel beginning with Henry James and including such writers as: Wharton, Hemingway, Fitzgerald, Dreiser, Lewis, Ellison, Wright, Momaday, and Morrison.

3 hours a week, 1 semester, 3 credits. Fall 1999, 2001

ENG 303 CONTINENTAL MASTERWORKS

An examination of acclaimed masterpieces (in translation) from Western literary traditions other than the English. Selected from the following: ***Song of Roland***, Dante's Comedy and other works, Boccaccio's ***Decameron***, Erasmus' ***Praise of Folly***, Cervantes' ***Don Quixote***, Voltaire's ***Candide***.

3 hours a week, 1 semester, 3 credits. Spring 2002

ENG 305 CHAUCER

To know "the first of the greats" in himself, in his position as a love poet, in his relation to the social, cultural, and religious milieu of the fourteenth century. Approaches to this vary but the emphasis is on the Chaucerian literary canon.

3 hours a week, 1 semester, 3 credits. Fall 2000

ENG 320 MILTON

Reading and interpretation of ***Paradise Lost***, ***Paradise Regained***, ***Samson Agonistes***, together with Milton's minor poems and selections from his prose. Class discussions and reports suggested by the study.

3 hours a week, 1 semester, 3 credits. Fall 1999

ENG 332 SHAKESPEARE

Reading and interpretation of some of Shakespeare's best loved and most widely known works; study of the types of Shakespeare's plays, structure and character development, major themes.

3 hours a week, 1 semester, 3 credits. Fall

ENG 370 SELECTED THEMES OR TOPICS OF LITERARY
INTEREST

This course will deal with literary issues, developments, or problems not covered in depth in the regular course offerings. It will enable students to take advantage of faculty expertise in diverse areas which are of interest to both faculty and students. Recent offerings have highlighted such areas as: "African-American Women Writers," "Out of Africa & India: Modern English Literature," "The Immigrant Voice in America."

3 hours a week, 1 semester, 3 credits. Fall and Spring

ENG 400 WRITING ABOUT LITERATURE

Introduction to the techniques of written textual analysis, including the role of literary theory in the production of scholarly writing.

Required of English majors and concentrates by the end of their junior year.

3 hours a week, 1 semester, 3 credits. Spring

ENG 401 JUNIOR SURVEY OF AMERICAN LITERATURE

A detailed consideration of the diverse components of American literature from the colonial period to the present.

Required of English majors and concentrates in their junior year.

3 hours a week, 1 semester, 3 credits. Fall 2000

ENG 402-403 ADVANCED SURVEY OF ENGLISH LITERATURE
AND LITERARY CRITICISM

A detailed consideration of the literature of England in its historical and social background from earliest Anglo-Saxon writing through the twentieth century. Theories of literary criticism discussed where applicable.

Required of English majors in their senior year.

3 hours a week, 2 semesters, 6 credits. Fall and Spring

ENG 485-486 SEMINAR IN LITERATURE

A study of the methods and techniques of literary research, with special attention to sources and bibliographical problems. Individual research in a restricted field of English or American literature, terminating in the preparation of a thesis.

Required of English majors through 1999.

1 hour a week, 1 credit. Spring 1999

2 hours a week, 2 credits. Fall 1999

98 English

ENG 487 SEMINAR IN LITERATURE

A focused, research-oriented seminar for senior majors, with the senior thesis as the major project of the semester.

Required of English majors in their senior year.

3 hours a week, 1 semester, 3 credits. Fall

CO-CURRICULAR WORKSHOP IN YEARBOOK may be offered for academic credit in accordance with the policy that "students may earn academic credit per semester for a total of two credits toward the degree for participation in Art Club, Chapel Players (Dramatics), Men's/Women's Varsity Basketball, and Yearbook." Consult the Moderator of the Yearbook.

CASSETTE COURSES

To encourage independent work, the English Department offers courses in American and other literatures in which lectures are on tape and students respond by means of study guides. Permission of the instructor or chairperson required.

*ENG 237 MODERN AMERICAN DRAMA (Cassette Course)

A study of the major American dramatists of the twentieth century. By means of cassettes and study guides, plays from at least seven authors will be considered.

2 credits.

A third credit can be obtained through the completion of an extended research paper. For the third credit, consultation with the supervising professor will be necessary.

*ENG 238 MODERN EUROPEAN DRAMA (Cassette Course)

This course will investigate the development of modern drama in the European tradition from Ibsen to the Absurdists. Tapes and study guides are provided. Independent study.

2 credits.

An additional credit can be earned through the completion of an extended research paper. For this credit, consultation with the supervising professor will be necessary.

**** If offered in satisfaction of the core curriculum, course must be taken for 3 credits.***

FINE ARTS

The arts embody some of the highest aspirations of the human spirit. Convinced of this, the Fine Arts Department seeks to introduce students to the enjoyment of the masterpieces of art and music. They are taught to develop their taste and deepen their critical sense as they pursue introductory work. Additional courses are offered for those students who desire further enrichment or development of creative expression.

ART

S. Patricia Manning, M.A., *Chairperson*

Josephine Belloso, M.A., *Associate Chairperson*

Core Courses: Art 100, 103, 105, 185, 202

If a student takes one of the core courses in Art, then other courses may be taken for additional core credit; however, only one studio course may be offered toward the Core Curriculum.

Art Appreciation

ART 100 THE UNDERSTANDING AND APPRECIATION OF ART

A study of the creative impulse as expressed in painting, architecture and sculpture from prehistoric times to the twentieth century, with emphasis on art as a reflection of the religious, cultural and social attitudes of the times. Illustrated lectures, discussions and museum visits.

May be offered for the Core Curriculum

3 hours a week, 1 semester, 3 credits. Fall and Spring

ART 103 ART AND ARCHITECTURE IN WESTERN EUROPE

An intensive field trip experience in which students will visit, study and experience the architecture, sculpture and painting of Europe. Guided tours and lectures by St. Joseph's faculty along with native guides will offer students a complete aesthetic experience. Slide and lecture presentations on campus, given during the Spring semester, will precede the trip. A final daily log of travel experiences and museum visits will be submitted for evaluation, one month after the completion of the tour.

Although the tour is given in June, this is offered as a Spring semester course

12 hours on campus, tour 10 days. May be taken for 2-3 credits.

Spring

ART 105 THE VISUAL ARTS IN A GLOBAL WORLD

A field trip experience in which students will study the visual arts of non-European countries. Guided tours and lectures by St. Joseph's College Faculty along with local guides will offer students a comprehensive aesthetic appreciation of the culture they are studying. Lectures on campus will precede the trip. Students will be required to keep a daily log. Research paper due one month after return.

May be offered for the Core Curriculum

Nine hours on campus, tour 10 days, 2 credits. May be taken for 3 credits with completion of a research project. Offered when there is sufficient student demand.

ART 185 ART AS COMMUNICATION

An introduction to the fine and functional arts. Analysis of how the painter, sculptor and architect use art elements and materials as a means of expression and communication. Discussion of the relationship of art to human needs and the role of art in daily life: the community, school, home and religion. Studio projects and illustrated lectures.

May be offered for the Core Curriculum.

3 hours a week, 1 semester, 3 credits. Spring

ART 202 HISTORY OF MODERN ART

An in-depth study of modern painting, sculpture and architecture from the late nineteenth century to the present. Students will examine principles of contemporary art and the historical development of the diverse styles of this era. Illustrated lectures, discussions, visits to museums and galleries.

3 hours a week, 1 semester, 3 credits. Offered when there is sufficient student demand.

Studio

The emphasis of studio courses is to guide the students in discovering, developing and expressing their creative potential. Exposure to varied approaches and techniques offers the beginning as well as the advanced student, a broad scope for individual growth and expression. A \$20-50 materials fee will be charged in all studio courses.

ART 163 CRAFTS AS AN ART FORM I

An introduction to various craft techniques including stencilling, copper tooling, woodburning, quilting, applique, glass etching and other craft media as a means of creative expression.

3 hours (studio) a week, 1 semester, 2 credits. This course may be taken for 3 credits with departmental approval. Spring 2001, 2003

ART 183 DRAWING I

An introduction to the skills and creative possibilities of drawing. This course is designed to enable the students to discover and develop their own unique styles and expressive qualities. Group discussion and analysis develops a critical awareness of the work of others as well as their own.

3 hours (studio) a week, 1 semester, 2 credits. This course may be taken for 3 credits with departmental approval. Spring 2000, 2002

ART 184 PAINTING I

Varied techniques, materials and approaches to painting are explored to develop and expand the students' capabilities and modes of expression.

3 hours (studio) a week, 1 semester, 2 credits. An additional credit is possible with departmental approval. Fall 2000, 2002

ART 186 CERAMICS I

A basic course in methods of working with clay including firing and glazing techniques. Emphasis will be given to the development of good structural form and decorative design.

3 hours (studio) a week, 1 semester, 2 credits. An additional credit for individualized studio work is possible with departmental approval.

Fall 2000, 2002

ART 263 CRAFTS AS AN ART FORM II

A more advanced exploration of one or more crafts in which the student pursues an individual, indepth and personal approach to the craft form.

Prerequisite: ART 163 or department approval

3 hours (studio) a week, 1 semester, 2 credits. This course may be taken for 3 credits with department approval. Spring 2000, 2002

ART 283 DRAWING II

Based upon the drawing concepts developed in ART 183, the student progresses to more sophisticated drawing concepts and investigates various wet and dry media.

Prerequisite: ART 183 or departmental approval

3 hours a week with additional studio time, 1 semester, 3 credits. Spring 2000, 2002

ART 284 PAINTING II

A continuation of the concepts and skills of painting in which the student works toward a greater awareness of a personal statement and development of painting skills.

Prerequisite: ART 184 or departmental approval

3 hours a week with additional studio time, 1 semester, 3 credits. Fall 2000, 2002

ART 287 INTERIOR DESIGN

A course which explores the function of art principles in home planning and decoration. It includes the analysis of architectural and design problems, a study of furniture styles and a three dimensional room construction.

3 hours a week, 1 semester, 3 credits. Spring

ART 290 CERAMIC SCULPTURE

A course designed to develop skills and creative expression in clay, using sculpture as a focus. Projects will be planned to explore students' interests and challenge their capabilities.

3 hours (studio) a week, 1 semester, 2 credits. An additional credit for individual studio work is possible with departmental approval.

Fall 1999, 2001

ART 291 STUDIO TECHNIQUES

A studio course which develops the students' skills in the methods and techniques of applied art. Design projects in various media, such as silk screen printing, stained glass mosaics, batik and weaving, offer a variety of experiences.

3 hours (studio) a week, 1 semester, 2 credits. An additional credit for individualized studio work is possible with departmental approval.

Fall 1999, 2001

ART 298 INDEPENDENT STUDY IN VARIOUS MEDIA

A course developed to meet the needs and interests of students for creative individualized study and experimentation. Departmental approval is required.

3 hours a week with additional studio time, 1 semester, 3 credits.

ART 299 INDEPENDENT STUDY IN PRINTMAKING

A course designed to explore printmaking in depth. Projects will be based on students' backgrounds and experience. Coursework will be designed to further explore each student's creative potential. Department approval is required.

3 hours a week with additional studio time, 1 semester, 3 credits.

CO-CURRICULAR WORKSHOPS IN ART may be offered for academic credit in accordance with the policy that "students may earn 1/2 academic credit per semester for a total of two credits toward the degree for participation in Art Club, Chapel Players (Dramatics), Men's/Women's Varsity Basketball, and Yearbook."

DANCE

Core Courses: Dance 101, 103.

These courses will fulfill the humanities option of one semester of dance. However, they may not be used as one of six humanities areas.

DAN 101 TECHNIQUE AND SOURCES OF MODERN DANCE

A comprehensive course designed to provide students with an understanding of both the physical and creative aspects of dance. Emphasis on movement training in modern dance techniques. An introduction to dance as an art form: history and criticism, elements of choreography, the relationship of dance to other arts.

3 hours a week, 1 semester, 3 credits. Offered when there is sufficient student demand

DAN 103 DANCE THROUGH THE AGES

An overview of the historical and social aspects of dance from primitive culture to the present day. Various forms of dance will be performed. In addition, the development of dance as an art form will be studied through dancing, literature, film, and video. Students are also introduced to dance notation as a tool for understanding and writing about dance. Previous dance experience not required.

3 hours a week, 1 semester, 3 credits. Fall, Spring

MUSIC

Cynthia Parrett, M.M., *Chairperson*

Core Courses: Music 100, 101, 102, 103, 104, 115, 205, 206, 207, 208, 209, 210.

MUS 100 THE UNDERSTANDING AND ENJOYMENT OF MUSIC

A course in perceptive listening. Study of the various forms and styles in the musical literature from the Medieval to the Contemporary period. Illustrative recordings, required attendance at concerts.

3 hours a week, 1 semester, 3 credits. Fall 2000

MUS 101 THEORY I

Introduction to basic theory: intensive drill in notation and visual recognition in treble and bass clefs of key signatures, scales, intervals and meters; development of a sense of tonality through basic sight singing and melodic dictation.

3 hours a week, 1 semester, 3 credits. Offered when there is sufficient student interest.

MUS 102 INTRODUCTION TO PERFORMING ARTS: MUSIC

A music course with special emphasis on attendance at a variety of live and non live musical events, including symphony concerts, operas, ballets, recitals, jazz concerts and Broadway musicals. Class discussions include preparation and examination of the chief characteristics of the music to be performed, and an evaluation and discussion follow each performance.

3 hours a week, 1 semester, 3 credits. Spring 2000

MUS 103 SURVEY OF WORLD MUSIC

An overview of the music of Africa, Latin America, Europe, the Caribbean, the East Indies, Japan, India, and the United States. A study of the intercultural evolution of world music up to the present day in the various genres: folk, classical, jazz, musicals, rock and roll, pop, film, etc.

3 hours a week, 1 semester, 3 credits. Spring 2002

MUS 104 EVOLUTION OF AMERICAN MUSIC

A review of the growth of music in the United States from early American folk music to the complex and simple styles which exist today. This course is a study of the evolution of American music, the diversity of which is reflected in its multicultural population.

3 hours a week, 1 semester, 3 credits. Fall 1999

MUS 115 SURVEY OF EUROPEAN CLASSICAL MUSIC

A chronological study of western classical music from the Middle Ages to the present. This course will investigate the evolution of western classical music from its inception with vocal music to the multimedia status of this century.

3 hours a week, 1 semester, 3 credits. Fall 2001

MUS 205 JAZZ

A survey of the evolution of jazz from its African origins to major contemporary styles; emphasis on harmonic, melodic and rhythmic development; techniques of improvisation and style; analysis of major performers.

3 hours a week, 1 semester, 3 credits. Fall 2000

MUS 206 THE OPERA

The evolution of the opera. Historical background of the great composers. Representative recordings to supplement the lectures. Analysis of several individual operas. Required attendance at an opera performance.

3 hours a week, 1 semester, 3 credits. Spring 2002

MUS 207 TWENTIETH CENTURY MUSIC

A survey of the outstanding composers since the turn of the century, including Debussy, Ravel, Stravinsky, Schoenberg, Berg, Webern, Milhaud, Honegger, Poulenc, Bartok, Hindemith, Prokofiev, Shostakovitch, Vaughan-Williams, Britten, Charles Ives, Copland and other American composers. The historical background of the composers, their aesthetics and style characteristics, with special reference also to serial, aleatoric, electronic music and jazz.

3 hours a week, 1 semester, 3 credits. Fall 2001

MUS 208 THE CLASSICAL ERA (1750-1820)

The Classical style of Composer, Patron and Public in the Viennese Period: exploration of Sonata Form, Theme and Variations, Classical Symphony, Classical Concerts and Chamber Orchestras; treatment of basic concepts, terms and forms of design in Classical Music; presentation and analysis of the works of Joseph Haydn, Wolfgang Amadeus Mozart and their Classical contemporaries.

3 hours a week, 1 semester, 3 credits. Fall 2002

MUS 209 THE BAROQUE ERA (1600-1750)

The history of Early, Middle and Late Baroque in Italy, France, the Netherlands, England and Germany. A study of the recitative style, lute and keyboard music; cantata, oratorio and opera. Special reference to the music of Gabrieli, Monteverdi, Frescobaldi, Lully, Corelli, Purcell, Couperin, Vivaldi, Telemann, Rameau, Bach, Handel and Scarlatti.

3 hours a week, 1 semester, 3 credits. Spring 2001

MUS 210 THE ROMANTIC ERA

Musical thought in the 19th century. The Romantic Movement as manifested in music. Changing forms of musical composition such as the symphony, concerto and opera. Special study of the works of Schubert, Schumann, Chopin, Brahms, Berlioz, Wagner and Verdi.

3 hours a week, 1 semester, 3 credits. Fall 1999

HISTORY

Monica Brennan, Ph.D., Chairperson

S. Teresa Avila Burke, Ph.D., *Associate Chairperson*

The courses in history are semestral and are arranged to meet the needs not only of history majors, but of all students who are interested in history for its value as a liberal discipline. The courses are designed to present either a general survey of some civilizations, or an intensive analysis of more specialized fields in order that the student may acquire a deeper appreciation of the historical process, an understanding of the multicultural character of our global society, a fuller comprehension of the human person in the context of time, and a body of knowledge which will generate perspective on contemporary issues.

History is an excellent major for pursuing graduate work in the field of public history. Consult the chairperson for advice in selecting courses. In addition, there are groupings of courses that will enhance the career opportunities of history majors. These are placed at the end of the course offerings of the department on page 112.

Students intending to pursue history in graduate school are strongly advised to acquire a reading knowledge of a foreign language. In addition, their selection of courses should cover a broad survey of Western and World history.

The department will accept 15 transfer credits toward the major.

Phi Alpha Theta

St. Joseph's College has a chapter, Phi Mu, of the international history honor society, Phi Alpha Theta. (See section on Academic Life.)

Core Courses: All 100 and 200 level courses and, with the advice of the major and history departments, courses numbered 300-349.

The Major: 34 credits (a maximum of 15 credits may be transferred into the major.)

Required Courses

HIS 410 (6th semester)	2 credits
HIS 411 (7th semester)	2 credits
HIS 422 (7th semester)	3 credits

6 credits in American History

6 credits in European History

3 credits in Non-Western (210, 215, 220, 224, 250)

12 elective credits

(At least 9 credits must be taken on the 300 level.)

B Plan: Teaching Social Studies in Secondary Schools

Required History

HIS 122
HIS 170 and 172
HIS 410
HIS 411
HIS 422

Choose one course from each group

HIS 129, 261
HIS 303, 305
HIS 232, 266, 307, 308
HIS 152, 309, 310

Choose two courses from

HIS 210, 215, 220, 224, 250

Required Social Science

ECO 120
ECO 278
POL 102 or 103
SOC 100
ANT 151

An additional course in either economics or political science

Area of Concentration for Child Study Majors

Child Study majors are required to complete 24 credits, only 9 of which may be on the 100 level. They should choose at least

6 credits in American History
6 credits in European History
3 credits in non-western History

HIS 114 THEMES IN EUROPEAN HISTORY 1450-1815

To develop an understanding of the principal themes in European history from the High Renaissance through the Napoleonic Revolution: political, economic, social and cultural.

3 hours a week, 1 semester, 3 credits. Fall

HIS 115 THEMES IN EUROPEAN HISTORY 1815-1970

To develop an understanding of the principal themes in European history from the Congress of Vienna to the post World War II period: political, economic, social and cultural.

3 hours a week, 1 semester, 3 credits. Spring

**HIS 122 THE GLORY THAT WAS GREECE: THE GRANDEUR
CLA 122 THAT WAS ROME**

An in-depth study of the Greco-Roman culture and civilization. Special attention will be given to the political, social, economic and cultural life of both peoples against the world setting in which they both rose, flourished, and declined. This course may be offered for Classics or History.

3 hours a week, 1 semester, 3 credits. Fall

HIS 129 THE MEDIEVAL EXPERIENCE

The emergence of European civilization from the decline of the Roman Empire to the “summer” of the middle ages in the fourteenth century, setting the scene for the rise of Modern Europe.

3 hours a week, 1 semester, 3 credits. Fall

HIS 152 CONTEMPORARY INTERNATIONAL PROBLEMS

An in-depth study of selected controversial issues in the field of current history.

3 hours a week, 1 semester, 3 credits. Spring 2000

HIS 154 URBAN CIVILIZATION: THEN AND NOW

A survey of several major cities that exemplify the principal periods of Western Civilization from the fall of Rome through the twentieth century. Students participating in the course will have a choice in selecting the cities.

3 hours a week, 1 semester, 3 credits. Spring 2000

HIS 170 AMERICAN HERITAGE I

An historical study of the United States from its colonial beginnings through Reconstruction.

3 hours a week, 1 semester, 3 credits. Fall

HIS 172 AMERICAN HERITAGE II

A continuation of the study of United States History from Reconstruction to the present.

3 hours a week, 1 semester, 3 credits. Spring

HIS 180 BIOGRAPHY AS HISTORY

Individuals, from the Ancient world to the present, will be singled out for a study of their influence on the course of history.

3 hours a week, 1 semester, 3 credits. Spring 2001

HIS 210 MODERN SUB-SAHARAN AFRICA

A survey of contemporary Africa south of the Sahara with emphasis upon internal history in the twentieth century from the viewpoint of current situations.

3 hours a week, 1 semester, 3 credits. Spring 2000

HIS 215 THE ARAB WORLD

North Africa and the Middle East in the nineteenth and twentieth centuries from the viewpoint of contemporary issues. The State of Israel will be considered in relation to the Arab world.

3 hours a week, 1 semester, 3 credits. Spring 2001

HIS 220 EAST ASIA

The history and culture of China, Korea, Japan with an emphasis upon understanding the contemporary scene in light of the past.

3 hours a week, 1 semester, 3 credits. Spring 2002

HIS 224 SOUTH AND SOUTHEAST ASIA

A study of post World War II developments in India, Pakistan and Southeast Asian countries in light of past history. Emphasis will be on the rise of nationalism, problems of a social and economic order and an evaluation of world involvement in the areas.

3 hours a week, 1 semester, 3 credits. Spring 2003

HIS 231 MEDIEVAL RUSSIA

The evolution of the Russian state from the Medieval Kievan period through the throes of modernization under Peter and Catherine up to the eve of the Great Reforms.

3 hours a week, 1 semester, 3 credits. Fall 2000

HIS 232 MODERN RUSSIA

An analysis of the economic, intellectual, social and political changes in Russia from the time of the Great Reforms to the present.

3 hours a week, 1 semester, 3 credits. Fall 1999

HIS 250 LATIN AMERICA

Iberian civilization in America from its colonial period to the present. Focus will be on the emergence of selected countries as modern nations and upon Latin America in hemispheric and world affairs in the twentieth century.

3 hours a week, 1 semester, 3 credits. Fall 2000

**HIS 261 ENGLAND FROM THE ROMAN CONQUEST TO THE
GLORIOUS REVOLUTION**

Particular attention will be given to the development of Parliament, legal institutions and common law, the decline of medieval kingship, the Tudor revolution in government and the Civil War.

3 hours a week, 1 semester, 3 credits. Spring 2000

HIS 266 ENGLAND SINCE 1688

Particular attention will be given to the structure of the 18th-century society and politics, the transformation of English society by the Industrial Revolution, the growth of democracy, imperialism, and the impact of two world wars on Great Britain.

3 hours a week, 1 semester, 3 credits. Fall 2000

HIS 267 HISTORY OF IRELAND

Survey of Irish history from pre-historic times to the present. Emphasis will be on both political and cultural heritage, as well as on social and economic problems. The origins of the "Northern Irish Question" will be explored in depth.

3 hours a week, 1 semester, 3 credits. Fall 1999

HIS 276 HISTORY OF NEW YORK: STATE AND CITY

An analysis of the history of New York from its Dutch beginnings to the present day. In addition to the study of particular events, issues and individuals of importance to the State's history, the emergence of New York City as a commercial, cosmopolitan center will be examined within the context of the region's overall development.

3 hours a week, 1 semester, 3 credits. Spring 2001

HIS 303 THE RENAISSANCE AND REFORMATION

Western Europe will be examined between 1300 and 1550: humanism, the Renaissance arts and sciences, political experimentation, capitalistic and commercial developments, expanding world horizons and religious conflict.

3 hours a week, 1 semester, 3 credits. Fall 1999

HIS 305 EARLY MODERN EUROPE

Western Europe 1550-1715, will be examined as a time of: conflict, the rise of modern states, mercantilism, the scientific revolution, the Baroque culture.

3 hours a week, 1 semester, 3 credits. Fall 2000

**HIS 307 THE FRENCH REVOLUTION AND NAPOLEON
1789-1815**

This period will be considered within the context of the Atlantic Community and the Ancien Regime. The causes of the French Revolution in depth, the course of the Revolution, the "Napoleonic Revolution," and the lasting effects of the era will be covered.

3 hours a week, 1 semester, 3 credits. Spring 2000

HIS 308 NINETEENTH CENTURY EUROPE

An analysis of the forces for change in 1815-1914 and their impact on individual Western European states. Special consideration will be given to the 'new' imperialism and the outbreak of World War I.

3 hours a week, 1 semester, 3 credits. Spring 2001

HIS 309 THE TWENTIETH CENTURY WORLD

This course explores the twentieth century from the First World War to the radical divisions that dominate the modern world. Europe is the focus, but since so much of the century's history is international or even global, non-European history will also be explored. Special attention will be paid to the rise of Communism, Nazism and Fascism, world wars and genocide, imperialism and decolonization, and the beginnings of the new Europe as the century ends.

3 hours a week, 1 semester, 3 credits. Spring 2000

HIS 310 AMERICAN FOREIGN POLICY

Principles and problems in American diplomatic history in periods of national and world crisis.

3 hours a week, 1 semester, 3 credits. Spring 2000

HIS 321 AMERICAN SOCIAL AND INTELLECTUAL HISTORY

Discussion on selected topics of the non-political aspects of American history, including economic influences, racial contributions, literary, artistic and scientific trends as well as religious problems and reform movements.

3 hours a week, 1 semester, 3 credits. Fall 2000

HIS 331 THE AMERICAN COLONIAL EXPERIENCE: 1607-1779

A study of the process by which English settlers evolved into Americans. Particular stress will be given to intellectual and religious trends, the forms of government, the transformation of the social order, the causes of the American Revolution.

3 hours a week, 1 semester, 3 credits. Fall 1999

HIS 335 AMERICAN CIVIL WAR AND RECONSTRUCTION

An examination of why the crisis occurred when it did, of the main actors in the tragedy, and of the short and long range consequences of the War between the States.

3 hours a week, 1 semester, 3 credits. Spring 2001

HIS 370 SELECTED THEMES OR TOPICS OF HISTORICAL INTEREST

This course will deal with historical problems and developments not covered in depth in the regular course offerings of the department. It will enable students to take advantage of faculty expertise in areas of interest to both faculty and students.

With permission of the Chairperson

3 hours a week, 1 semester, 3 credits. Fall and Spring

HIS 380 SEMINAR IN ENGLISH HISTORY

An intensive study in a selected area of English history.

3 hours a week, 1 semester, 3 credits. Offered when there is sufficient student demand.

HIS 390 DIRECTED READINGS

Readings and tutorials arranged for the individual student with a faculty member in a field of the faculty members' special interest. Students should have a general background of the period in which they wish to read.

With permission of the Chairperson

2 or 3 credits. Fall and Spring

HIS 410 SEMINAR IN HISTORICAL METHODOLOGY

An introduction to the principles of historical criticism and the methods of historical research. Seminar includes an examination of a restricted field of history as a laboratory subject and the beginning of the required thesis for seniors.

Required of all history majors in Junior year (6th semester)

2 hours a week, 2 credits. Spring

HIS 411 SENIOR THESIS

Seniors complete the required thesis under the supervision of a faculty member.

2 credits. Fall of Senior year

HIS 422 HISTORIOGRAPHY - SEMINAR

The nature of history and various approaches to history. Readings and discussions of selected great historians from earliest times to the present, including both Western and non-Western civilizations.

Required of all history majors in Senior year (7th semester)

3 hours a week, 1 semester, 3 credits. Fall

HIS 435 SUPERVISED INTERNSHIP

The student will spend four or six hours per week as an intern in an historical society, museum, a city library, or any other agency that will provide an experience in historical methodology and research. The professor, the student, and the agency representative will work out the contractual terms of the course.

Open to history majors and concentrates.

2 or 3 credits. Fall and Spring

SUGGESTED GROUPINGS OF COURSES FOR HISTORY MAJORS:

Certificate Program in Management, see page 178.

Certificate Program in Leadership and Supervision, see page 178.

Suggested Electives for those interested in pursuing a law degree:

HIS 170, 172, 261, 266

ACC 110, BUS 150

COM 150

PHI 123

POL 103, 280

SPC 102

HUMAN RELATIONS

Raymond D'Angelo Ph.D., *Coordinator*

This interdisciplinary major leading to a Bachelor of Arts degree includes sociology - anthropology and psychology.

It seeks to equip students with specific skills which are necessary for today's citizen to be effective in his relations with others, in school, in social service agencies, in business, in government.

Required for the Major: 36 credits (A maximum of 12 credits may be transferred into the major.)

Required Courses:- (18 credits)

SOC 100	Introductory Sociology	3
PSY 100	Introductory Psychology	3
SOC 136	Social Problems	3
PSY 251	Social Psychology	3
SOC 348	Research Methods; or	
PSY 391	Experimental Methodology	3
HR 400	Seminar in Human Relations	3

Major Elective Credits: (18 credits)

At least nine credits in Psychology (at level 200 or above) and nine credits in Sociology (at level 200 or above) must be selected in consultation with an advisor.

Area of Concentration for Child Study Majors: (24 credits)

Required courses: (12 credits)

SOC 100	Introductory Sociology	3
PSY 100	Introductory Psychology	3
SOC 136	Social Problems	3
PSY 251	Social Psychology	3

Elective Credits: (12 credits)

At least six credits in Psychology (at level 200 or above) and six credits in Sociology (at level 200 or above) must be selected in consultation with an advisor.

Sociology - Anthropology Course Offerings:

SOC 100 INTRODUCTORY SOCIOLOGY

A study of the basic concepts used in sociological analysis, particularly culture, types of social groups, processes of interaction, social class, population traits and trends.

3 hours a week, 1 semester, 3 credits. Fall and Spring

SOC 136 SOCIAL PROBLEMS

An examination of what society considers to be social problems with a view toward showing how society produces these phenomena and to what extent they are solvable. Areas include: crime, mental illness, drug abuse, alcoholism, other forms of deviance, poverty, racism, conflicts over power.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall and Spring

SOC 140 INTRODUCTION TO SOCIAL WORK

Scientific approach to social work as a profession within the structure of modern society; its principles and application of concepts.

Techniques of observation; interviewing, elements of a social history, interpretation of case material. Methods of casework, group work, community organization; role of the social worker functioning in a variety of settings-as practitioner, as consultant to allied fields.

This is a pre-professional course and may not be offered for core curriculum. Not open to Freshmen.

3 hours a week, 1 semester, 3 credits. Fall 1999

SOC 158 CRIMINAL JUSTICE ADMINISTRATION

An overview of the history, structure and function of the police, prosecutor, judicial and correctional organizations, and their inter-relatedness. Through case studies, policy issues such as sufficient evidence, use of discretion and legal concerns will be discussed.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall 1999

SOC 220 SOCIOLOGY OF DEVIANT BEHAVIOR

An examination of the various sociological approaches to understanding and explaining crime, delinquency, deviance, drug usage, and other alleged aberrations in society and culture. Additionally, major case studies will be examined.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Offered when there is sufficient student demand.

SOC 237 INEQUALITY AND SOCIAL CLASS

Topics include: the values, lifestyles and ideologies of the various classes; the relationship of the classes to economic, political and educational institutions; changes in the class structure.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall 1999

SOC 241 EXPERIENCE IN SOCIAL WORK

A planned field experience in a community social work agency; regular seminar meetings to evaluate, discuss and interpret this experience.

Prerequisite: SOC 140

6 hours placement a week, 2 seminar hours, 1 semester, 3 credits.
Spring 2000

SOC 243 CRIMINOLOGY

An examination of sociological concepts, theories, and perspectives regarding the study of crime. Topics include: the amounts and trends of crime; theoretical explanations; policies of crime control.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall 2000

SOC 244 SOCIOLOGY OF CORRECTIONS

An investigation into the various punitive and rehabilitative philosophies and practices employed by the correctional field in dealing with crime and criminality. Topics include: history of corrections; theories of punishment; effectiveness of rehabilitation.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 2000

SOC 245 SOCIOLOGY OF COMMUNITY

This course will emphasize the development of American communities - urban, suburban, small-town and rural. Particular emphasis will be placed on the sociological perspective but will include political, historical and architectural aspects of community development. Classes will be devoted to community planning, suburban sprawl, the scale and pace of urbanization, and social issues.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall 2000

SOC 246 SOCIOLOGY OF GENDER

Introductory review of economic, social and cultural changes that have modified the traditional definitions of femininity and masculinity in Western societies. Discussions include: socialization, sexual behavior, marriage and alternative life styles.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall 2000

SOC 249 RACE AND ETHNIC RELATIONS

An examination of race and ethnic relations in American society, including a discussion of assimilation vs. pluralism, minority status, group tensions, and the dynamics of prejudice and discrimination. The experience of historic and contemporary ethnic groups in New York will be explored.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 250 SOCIOLOGY OF DEVELOPING COUNTRIES

Theories of social change will be examined in light of economic, social, political, and cultural transformations which characterize industrializing and modern industrial societies. The focus will be on Asia, Africa and the Middle East.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 2001

SOC 265 SOCIOLOGY OF POPULAR CULTURE

An application of the theory and methodology of sociology to a study of popular culture in America. Content will include an analysis of institutional and market processes. Emphasis will be placed on the decision making processes in the mass media, music, film, the arts and literature and their respective impact on society.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 2001

SOC 270 SOCIOLOGY OF HEALTH

An exploration of the social and cultural facets of health and illness, and the functioning of organizations involved in health care. The social behavior of health personnel and those who are the consumers of health care is stressed also.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 285 SOCIOLOGY OF THE FAMILY

The family as a social institution examined in both historical and contemporary contexts with special emphasis on American family patterns.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 2000

SOC 347 SOCIOLOGICAL THEORY

The development and continuities of theoretical concepts and orientations in sociology against the intellectual and social backgrounds of their times. Differing schools of thought and representative works.

Prerequisite: 15 Social Science credits or departmental approval

3 hours a week, 1 semester, 3 credits. Fall 1999

SOC 348 RESEARCH METHODS

(POL 348)

Theory and practice in the research process with emphasis on the statement of a problem, sampling, and various techniques of collecting and analyzing data.

Prerequisite: 15 Social Science credits or departmental approval

3 hours a week, 1 semester, 3 credits. Fall

SOC 370 SPECIAL TOPICS IN SOCIOLOGY

This course will include sociological issues, developments or problems not covered in depth in the regular course offerings. It will enable students to take advantage of faculty expertise in diverse areas which are of interest to both faculty and students. Possible topics include "Juvenile Delinquency," "The Civil Rights Movement," and "The Architecture of Segregation."

With departmental approval

3 hours a week, 1 semester, 3 credits.

ANT 151 CULTURAL ANTHROPOLOGY

The basic principles, fundamental ideas and insights of cultural anthropology will be examined through comparative ethnographic accounts. The view of humans as both the products and creators of their culture will be explored through an analysis of cultural variation and culture change.

Not open to Freshmen

3 hours a week, 1 semester, 3 credits. Spring

Psychology Course Offerings

PSY 100 INTRODUCTION TO PSYCHOLOGY

A broad introduction to the concepts, methodology and major content areas of psychology designed to provide the student with a scientific basis for understanding human behavior.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 150 GROUP DYNAMICS AND COMMUNICATION

A theoretical introduction to small group processes, with an emphasis on the relationship between groups and the individual, and the communication process. Students participate in small group exercises as part of the course requirements.

3 hours a week, 1 semester, 3 credits. Fall

PSY 180 PSYCHOLOGY OF WOMEN

Examination of the biological, social and cultural influences on the psychological development of women. Focus on the vital issues which modern women face daily in a rapidly changing world.

3 hours a week, 1 semester, 3 credits. Spring 2000

PSY 200 PSYCHOLOGY OF LEARNING

An examination of the major theories of learning, and the study of human and animal research in classical and operant conditioning, observational learning, and verbal learning.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 210 COGNITIVE PROCESSES

An examination of models of human cognition focusing on perceptual processes, mental representation, thinking and problem solving, reasoning, language, intelligence and creativity.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall 2000

PSY 220 ADOLESCENT PSYCHOLOGY

A comprehensive survey of adolescent behavior in its intellectual, emotional, and social aspects. Techniques for enhancing the adolescent's potential for growth and productivity are given special consideration.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 230 ADULT DEVELOPMENT AND AGING

Focus on human development from early adulthood through middle age, aging, and death. Emphasis is on the growth of the individual in relation to contemporary society, with theoretical viewpoints and empirical results from individual, social, and developmental psychology.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring 2000

PSY 251 SOCIAL PSYCHOLOGY

An analysis of the processes of social interaction and their effects upon the behavior and attitudes of individuals and groups.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 261 PSYCHOLOGY OF PERSONALITY

A survey of the major contemporary theories of personality and the important applications associated with each theoretical approach.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 271 ABNORMAL PSYCHOLOGY

An examination of the diagnostic classifications of abnormality with an emphasis on causation and treatment.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 280 INDUSTRIAL PSYCHOLOGY

Application of psychology to business and industry in the area of personnel selection, training and evaluation, job satisfaction, motivation, communication, and man-machine interface.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall 1999, 2001

PSY 300 PSYCHOLOGICAL TESTING

An introduction to psychological measurement including the history of mental testing; the statistical concepts of test construction; and a survey of tests of intelligence, aptitude, achievement, personality, and tests for special populations. Students will administer practice tests and participate in demonstrations of the major types of assessment techniques.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 310 INTRODUCTION TO STATISTICS

The basics of statistical analysis needed for conducting research and for understanding experimental literature in the behavioral sciences.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 325 INTRODUCTION TO BEHAVIOR MODIFICATION

Introduction to the methods and theory of behavior modification and its application to specific behavior problems.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall 2001

PSY 330 SELECTED TOPICS IN PSYCHOLOGY

Focus on areas of psychological inquiry not covered in depth in the regular course offerings of the department. The selected topic can change each time the course is offered. It will enable students to take advantage of faculty expertise in areas of interest to both faculty and students.

Prerequisite: At least 12 credits in Psychology or permission of the department.

3 hours a week, 1 semester, 3 credits. Offered at department's discretion

PSY 360 COUNSELING PSYCHOLOGY

An examination of the origins and characteristics of the counseling relationship, including an analysis of the major contemporary theories and techniques of counseling.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 370 INTRODUCTION TO CLINICAL PSYCHOLOGY

An introduction to the principles and techniques of clinical interviewing, evaluation, referral, and the planning of treatment. Field placements will provide students with an opportunity to observe the various institutional settings in which clinical psychologists work and the variety of psychological services offered there.

Prerequisite: PSY 271 and permission of the instructor.

2 hours lecture, 3 hours placement a week, 3 credits. Additional conferences will be scheduled on a regular basis for supervision of the placement experience. Spring

PSY 380 PHYSIOLOGICAL PSYCHOLOGY

A survey of the physiological bases of behavior including an overview of the nervous system and the structure of the brain; a discussion of the influence of hormones and chemical transmitters within the brain on psychological functions; and an examination of the influence of physiological process on such activities as sleep, emotional states, eating behavior, and learning and memory.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

**PSY 391 INTRODUCTION TO EXPERIMENTAL
METHODOLOGY**

Theory and technique in the experimental study of behavior, including research projects and formal written reports.

Prerequisites: PSY 100 and PSY 310.

3 hours, 1 semester, 3 credits. Spring

Lab fee-\$30

Seminar

HR 400 SEMINAR IN HUMAN RELATIONS

The approach stresses the interdisciplinary approach of the major. Selected topics will be investigated from a human relations perspective. Major emphasis will be placed on an intensive individual research project.

(Restricted to Majors)

Prerequisite: SOC 348 or PSY 391

3 hours a week, 1 semester, 3 credits. Spring

MATHEMATICS

David Seppala-Holtzman, D. Phil., *Chairperson*

William McAllister, M.S., *Associate Chairperson*

To develop a more mature appreciation of the significance of mathematics and its impact on today's world, each student is required to take one semester of mathematics chosen from a set of courses designed to appeal to a variety of interests. For mathematics and science majors, advanced courses provide professional training and preparation for graduate study.

Core Courses: Mathematics 105, 106, any computer course with the exceptions of COM 140 and COM 141; and, if the prerequisites are fulfilled, 113, 200, 201, 205, 206, 241.

Every student must take at least one non-computer course.

Major

A major in mathematics may earn either the B.A. or the B.S. degree. Candidates for either degree must complete 36 credits of mathematics in which a minimum grade of C must be attained in each course.

The following courses are not credited toward the major: Mathematics 105, 106, 107, 113, 200, 201, Computer 140, 141, 150, 154, 286, 287, 288.

B.A. degree in Mathematics: (36 credits)

COM 152	3
MAT 205	4
MAT 206	4
MAT 207	4
MAT 208	4
MAT 354	3
MAT 356	3
MAT 362 or 364	3
MAT 471	3

Electives with the advice of chairperson to complete 36 credits.

B.S. degree in Mathematics

In addition to courses required for the B.A. degree:

PHY 150	4
PHY 151	4
Science Elective	3

Plan B: In addition to the requirements for the major, students on the B Plan (Secondary Education) are required to take MAT 246 and encouraged to take: MAT 241, 350, 352, 358, 368.

The required Education courses will be found under the Education Department.

It is strongly recommended that all students wishing to major in mathematics take ENG 103 and PHI 123 during their first year at St. Joseph's.

Minor in Mathematics

Total number of courses: 6

Total number of credits: 20-22

Required Courses:

MAT 205 Calculus and Analytic Geometry I 4

MAT 206 Calculus and Analytic Geometry II 4

Elective Courses:

Any 4 courses may be chosen from the set of MAT courses listed in the catalogue with a number of 207 or higher and must include at least one course at the 300 level. In addition, COM 152 may be offered as an elective.

In order to fulfill the requirements for a Minor in Mathematics, one needs to achieve a minimum average grade of C for the set of six courses offered.

Minor in Computer Science

Total number of courses: 6

Total number of credits: 19

Required Courses:

MAT 203 Mathematical Foundations of Computer Science 4

COM 152 Computer Programming* 3

COM 200 Computer Science: An Overview 3

COM 210 Algorithms and Data Structures* 3

COM 249 Computer Organization and Assembly Language* 3

COM 310 Operating Systems* 3

(A minimum average of C is required for all six courses.)

The four courses marked with a star, together with two terms of physics and two terms of calculus, are recommended for students planning graduate study in Computer Science.

Minor in Computer Information Systems

Total number of courses: 6

Total number of credits: 18-19

Required Courses:

COM 141 Microcomputer Applications II 3

COM 200 Computer Science: An Overview 3

COM 288 Business Systems and Design 3

In addition, one must take one programming language course selected from COM 150, COM 152 or COM 286. Two additional computer courses, selected with departmental approval, must be taken as electives.

(A minimum average of C is required for all six courses.)

Area of Concentration for Child Study Majors: 24 credits in mathematics in which a minimum grade of C- and an average of C or better must be maintained.

Required Courses: MAT 205 4

MAT 206 4

MAT 354 3

MAT 356 3

MAT 362 or MAT 364 3

Recommended for those who intend to continue Mathematics on the graduate level: MAT 207, 208.

MAT 105, 106, 107, 200 and 201 may not be offered towards the 24 required credits. Furthermore, no more than one computer course may be offered.

MAT 105 FUNDAMENTALS OF MATHEMATICS IN TODAY'S WORLD

Symbolic language, study of patterns, introduction to probability and descriptive statistics, study of numbers. Recommended for liberal arts students of varying mathematical background.

Not open to students who have completed MAT 205.

3 hours a week, 1 semester, 3 credits. Fall, Spring

MAT 106 EXCURSIONS IN CONTEMPORARY MATHEMATICS

This course will present an overview of various topics in mathematics with a focus on recent developments and their applications. Designed for those students for whom the profundity of mathematics has often been obscured by its techniques, this course proposes to illustrate and explore the ubiquitous nature of mathematics in the world around us and thereby promote an appreciation for the significance, power and beauty of the discipline.

3 hours a week, 1 semester, 3 credits. Spring 2001, 2003

MAT 107 INTRODUCTION TO PROBABILITY AND STATISTICS

This course offers an introduction to probability and statistics. It is designed to provide a common foundation for the more specialized material presented in the various statistics course offered in other quantitative departments. Material covered includes: probability models, random variables and probability distributions (both discrete and continuous), descriptive statistics, inference, sampling and hypothesis testing.

3 hours a week, 1 semester, 3 credits. Spring 2001

MAT 113 ELEMENTARY FUNCTIONS: PRECALCULUS

Sets and relations; algebra of functions; polynomial, rational, exponential functions and their graphs; roots and graphs of equations; asymptotes and limits; area functions. Designed for those who intend to go on to a calculus course.

Prerequisite: 11th year mathematics or equivalent.

Not open to students who have completed MAT 205.

3 hours a week, 1 semester, 3 credits. Spring

MAT 200 MATHEMATICS FOR BUSINESS AND ECONOMICS

This course includes the study of matrices, linear programming, the simplex method and the mathematics of finance. Basic business applications of precalculus mathematics will be discussed.

Prerequisite: MAT 113 or equivalent.

Not open to students who have completed MAT 205.

3 hours a week, 1 semester, 3 credits. Fall

MAT 201 APPLIED CALCULUS FOR BUSINESS AND ECONOMICS

This course will include differentiation through the second derivative with applications, definite and indefinite integrals with business applications.

Prerequisite: MAT 200. Not open to students who have completed MAT 205.

3 hours a week, 1 semester, 3 credits. Spring

MAT 203 MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE

The emphasis will be on algorithmic problem solving and discrete mathematical concepts including logic, sets, Boolean algebra, relations, functions, induction and recursion, counting principles and combinatorics, graphs and trees. Use of the computer as a problem-solving tool will be integrated with the theory. Fundamental algorithms including sorting, searching and tree traversal will be introduced.

Prerequisite: MAT 113 or equivalent.

4 hours a week, 1 semester, 4 credits. Fall 2000, 2001

MAT 205 CALCULUS AND ANALYTIC GEOMETRY I

Limits, continuity, differentiation, elementary integration and other topics.

Prerequisite: MAT 113 or equivalent.

4 hours a week, 1 semester, 4 credits. Fall

MAT 206 CALCULUS AND ANALYTIC GEOMETRY II

Techniques and applications of integration of rational functions as well as the transcendental functions: the logarithmic, the exponential and the trigonometric functions, and other topics.

Prerequisite: MAT 205.

4 hours a week, 1 semester, 4 credits. Spring

MAT 207 CALCULUS AND ANALYTIC GEOMETRY III

Conic sections, polar coordinates, infinite series and other topics.

Prerequisite: MAT 206.

4 hours a week, 1 semester, 4 credits. Fall

MAT 208 ADVANCED CALCULUS

Functions of several variables, multiple and line integrals, vectors, solid analytic geometry and other topics.

Prerequisite: MAT 206.

4 hours a week, 1 semester, 4 credits. Spring

MAT 241 HISTORY OF MATHEMATICS

Development of mathematics from ancient days to recent times.
Recommended for prospective teachers; prerequisite: MAT 205.

3 hours a week, 1 semester, 3 credits. Fall 2000, 2002

MAT 246 PROBABILITY AND STATISTICS

Probability models and distributions (both discrete and continuous), random variables, density functions, cumulative distribution functions, inferential statistics, hypothesis testing, sampling and analysis of variance are among the topics considered.

Prerequisite: MAT 206 or MAT 201.

3 hours a week, 1 semester, 3 credits. Fall 1999, 2001

MAT 330 INDUSTRIAL APPLICATIONS OF MATHEMATICS

This course focuses on real-life industrial applications of mathematics. Video-taped presentations describing genuine industrial problems are shown. Students work in teams to develop solutions. Problems considered include the mathematics involved in road building, planetary exploration and aircraft landings.

Prerequisite: MAT 207.

3 hours a week, 1 semester, 3 credits. Spring 2001, 2003

MAT 350 DIFFERENTIAL EQUATIONS

Equations of order one and degree one, differential operators, ordinary linear differential equations and selected higher order equations.

Prerequisite: MAT 206.

3 hours a week, 1 semester, 3 credits. Fall 2000, 2002

MAT 352 ELEMENTARY NUMBER THEORY

Prime and composite integers, number-theoretic functions, Diophantine Equations, congruences, the Euler-Fermat Theorem, quadratic residues, continued fractions, Gaussian integers, and algebraic number theory.

Prerequisite: MAT 206.

3 hours a week, 1 semester, 3 credits. Fall 1999, 2001

MAT 354 MODERN ALGEBRA

Groups, rings, fields, and other algebraic structures.

Prerequisites: MAT 206 and MAT 356.

3 hours a week, 1 semester, 3 credits. Spring 2000, 2002

MAT 356 LINEAR ALGEBRA

Vectors and vector spaces, matrices and their algebra, systems of linear equations, linear transformations in a vector space.

Prerequisite: MAT 206 or MAT 201.

3 hours a week, 1 semester, 3 credits. Fall

MAT 358 GALOIS THEORY

Fields, splitting fields and field extensions; finding real and complex roots for polynomials; solvability by radicals; Galois groups; insolubility of the quintic.

Prerequisites: MAT 206 and MAT 354.

3 hours a week, 1 semester, 3 credits.

MAT 362 MODERN GEOMETRY

Axiomatic systems, Euclidean and non-Euclidean geometries: elliptic, hyperbolic and projective.

Prerequisite: MAT 206.

3 hours a week, 1 semester, 3 credits. Spring 2001, 2003

MAT 364 TOPOLOGY

Sets and functions, metric spaces, topological spaces, compactness, separation, connectedness, and other topics.

Prerequisite: MAT 206.

3 hours a week, 1 semester, 3 credits. Spring 2000, 2002

MAT 368 FUNCTIONS OF A COMPLEX VARIABLE

Analytic functions, differentiation and integration theorems, elementary functions, conformal mapping, Riemann surfaces, infinite series.

Prerequisite: MAT 208.

3 hours a week, 1 semester, 3 credits. Spring 2000, 2002

MAT 470 DIRECTED READING

Assigned reading in the mathematical literature. Approval of chairperson necessary.

1 semester, 1 or 2 credits.

MAT 471 SEMINAR

Special topics in the field of modern mathematics; group research project.

Required of mathematics majors in senior year.

2 hours a week, 1 semester, 3 credits. Fall

Computer-Related Courses

Certificate in Information Technology Applications

For a description of the program leading to this certificate, see page 176.

NOTE: A computer course other than COM 140 or COM 141 may fulfill the requirement for the math/science core if the computer course is offered in addition to a Math course.

COM 140 MICROCOMPUTER APPLICATIONS I (BUS 140)

This course is designed as an introductory course to provide background necessary for the effective use of microcomputers. The emphasis is on the major applications of microcomputers: word processing, relational databases, spreadsheets. The course includes "hands-on" experience with common applications software, as well as an introduction to computer hardware. No previous computer-related experience is necessary.

There are no prerequisites.

Note: Students may not offer this course toward the fulfillment of the Math/Science core.

3 hours a week, 1 semester, 3 credits. Fall

COM 141 MICROCOMPUTER APPLICATIONS II (BUS 141)

This course is intended for students from all disciplines. It will develop intermediate and advanced word-processing, spreadsheet and database techniques, including macros, report generation, database queries, importing and exporting files, address-books, labels, graphics, and table manipulation. It will also include expanded Internet and World Wide Web topics.

Prerequisites: COM 140 or equivalent, or departmental approval.

Note: Students may not offer this course toward the fulfillment of the Math/Science core.

3 hours a week, 1 semester, 3 credits. Spring 2000, 2002

COM 150 INTRODUCTION TO COMPUTER PROGRAMMING

This course offers a basic introduction to computer hardware and software. Elementary programming techniques will be taught using, for example, Visual BASIC. Emphasis will be on problem solving using the computer.

3 hours a week, 1 semester, 3 credits. Fall, Spring

COM 152 COMPUTER PROGRAMMING

An introduction to the concepts underlying computer science and programming such as: abstraction, analysis and modularity. Emphasis is on algorithm development and the use of structured design techniques in solving problems. Students will develop programs using the syntax and semantics of a higher-level language such as C++. Searching, sorting, recursive algorithms and the concept of objects will be introduced. (Corresponds to ACM CS1)

Prerequisite: COM 140 or COM 150 or departmental approval.

3 hours a week, 1 semester, 3 credits. Fall

COM 154 APPLICATIONS OF THE COMPUTER

This course is intended for natural and social science majors. The course will cover applications of the computer such as analysis of statistical data, forecasting, modeling and simulations.

Prerequisite: COM 150 or permission of the chairperson.

3 hours a week, 1 semester, 3 credits. Spring

COM 200 COMPUTER SCIENCE: AN OVERVIEW

For students from all disciplines. Topics include: computer organization, information representation in digital computers; data abstraction and data structures such as trees, lists and stacks; algorithm development and analysis; programming languages; hardware and software systems; information processing and database concepts; computer technology and society.

Prerequisite: COM 150 or 152 or 286.

3 hours a week, 1 semester, 3 credits. Spring 2000, 2002

COM 210 ALGORITHMS AND DATA STRUCTURES

This course explores specific classes of problems and their solutions. Fundamental questions concerning computational complexity, data storage and access, data encapsulation using objects, space/time bounds, optimal algorithms and data structures including lists, queues and trees are addressed. Algorithms for important classes of problems such as searching, sorting and pattern-matching will be designed, implemented and tested in a laboratory environment. (Corresponds to ACM CS2.)

Prerequisite: COM 152 and MAT 203, each with a minimum grade of C-.

3 hours a week, 1 semester, 3 credits. Fall 2000, 2002

COM 249 COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE

This course explores the evolution and physical structure of modern computers, from microcomputers to mainframes: their integrated circuits, components and organization. The concept of a multilayer virtual machine will be explored and programmed using machine language, microcode, operating system interrupts and assembly language. Advanced concepts such as RISC machines, pipelining and parallel computing will be studied. Students will utilize these principles to analyze the design of a current microprocessor.

Prerequisite: COM 152.

3 hours a week, 1 semester, 3 credits. Spring 2001, 2003

COM 286 BUSINESS PROGRAMMING I (BUS 286)

This course will deal with business applications of the computer such as financial reporting, inventory analysis, modeling and forecasting. COBOL will be used with emphasis on file construction and data retrieval.

Prerequisite: Any introductory computer course.

3 hours a week, 1 semester, 3 credits. Fall 2000, 2002

COM 287 BUSINESS PROGRAMMING II (BUS 287)

This course is intended as a follow-up to COM 286. Various techniques in structured COBOL programming will be considered.

Prerequisite: COM 286.

3 hours a week, 1 semester, 3 credits.

COM 288 BUSINESS SYSTEMS AND DESIGN (BUS 288)

The design and development of information systems for a business environment. Topics will include analysis of information flow, design of business systems, specifications, equipment selection, and file organization. Detailed steps for each phase of the design will be related to business applications on a full scale computer system.

Prerequisite: Any introductory computer course.

3 hours a week, 1 semester, 3 credits. Spring 2001, 2003

COM 310 OPERATING SYSTEMS

The emphasis of this course is on the efficient allocation and use of computer resources, especially those involving process and memory management, job scheduling, access to hardware and software resources, security and reliability. Examples will be drawn from standard operating systems (e.g. Windows NT, MS-DOS, UNIX). Questions relating to communications (timesharing, networking, concurrency, distributed systems, synchronization and deadlocks) will be discussed.

Prerequisite: COM 210.

3 hours a week, 1 semester, 3 credits. Fall 2001, 2003

MODERN LANGUAGES

Karen Brunschwig, M.A., *Chairperson*

Maria Montoya, Ph.D. Cand, *Associate Chairperson*

The Modern Languages Department aims to develop students' proficiency in comprehension and communication in French, Spanish, and Italian. The department strives to broaden students' intellectual horizons by fostering an understanding and appreciation of other literatures and cultures. Skills acquired in language courses may prove extremely useful in preparation for professional careers in education, business, medicine, law, etc.

Please note: Spanish, French and Italian courses numbered 151, 152, 201, 202 are sequential. Therefore, a student may not receive credit for a lower numbered course once a higher numbered course has been taken.

FRENCH

Core Courses: French 151, 152, 201, 202, 231.

Courses that are not scheduled can be made available on sufficient demand.

FRE 151 ELEMENTARY I

A communicative approach to the fundamentals of the French language with emphasis on listening comprehension, speaking, and cultural awareness. This course, along with French 152, is designed to enable students to communicate in French in everyday situations.

For students who have no (or little) previous knowledge of French.

3 hours a week, 1 semester, 3 credits. Fall

FRE 152 ELEMENTARY II

A continuation of French 151 with increasing emphasis on oral communication, grammatical structures, reading, writing, and appreciation of French culture.

Open to students who have completed FRE 151 or its equivalent.

3 hours a week, 1 semester, 3 credits. Spring

FRE 201 INTERMEDIATE I

This course seeks to develop intermediate-level communication skills in French. Students will improve their proficiency in speaking, reading, and writing French through interactive activities in the classroom and study of more advanced grammatical structures, vocabulary, and idiomatic expressions. In addition, students will acquire the linguistic and cultural insights which come with the study of a new language.

Open to students who have completed FRE 152 or its equivalent.

3 hours a week, 1 semester, 3 credits. Fall

FRE 202 INTERMEDIATE II

A continuation of French 201. In this course, students will communicate in French on a variety of topics from personal to literary to global. Knowledge of linguistic structures and cultural understanding will be deepened and expanded. Critical thinking, problem-solving skills, and cultural comparisons will be developed.

Open to students who have completed FRE 201 or its equivalent.

3 hours a week, 1 semester, 3 credits. Spring

FRE 211 FRENCH READINGS I

Readings and discussions based on French texts. Review of the language through literature, civilization, and the contemporary scene.

Open to students who have completed three or more years of high school French.

3 hours a week, 1 semester, 3 credits. Fall

FRE 212 FRENCH READINGS II

Advanced readings and discussions based on French texts. Continued study of the language through literature, civilization, and the contemporary scene.

Open to students who have completed French 211.

3 hours a week, 1 semester, 3 credits. Spring

FRE 231 FRENCH CIVILIZATION

An introduction to the civilization and the culture of the French people, their geography, history, and institutions; French architecture, painting, sculpture, music, films, and cooking; outside readings and research.

Conducted in English and open to the entire student body without language prerequisites.

3 hours a week, 1 semester, 3 credits. Spring 2001

ITALIAN

Core Courses: ITL 151, 152, 201, 202.

ITL 151 ELEMENTARY I

A communicative approach to the fundamentals of the Italian language with emphasis on listening comprehension, speaking, and cultural awareness. This course, along with Italian 152, is designed to enable students to communicate in Italian in everyday situations.

For students who have no (or little) previous knowledge of Italian.

3 hours a week, 1 semester, 3 credits. Fall

ITL 152 ELEMENTARY II

A continuation of Italian 151 with increasing emphasis on oral communication, grammatical structures, reading, writing, and appreciation of Italian culture.

Open to students who have completed ITL 151 or its equivalent.

3 hours a week, 1 semester, 3 credits. Spring

ITL 201 INTERMEDIATE I

This course seeks to develop intermediate-level communication skills in Italian. Students will improve their proficiency in speaking, reading, and writing Italian through interactive activities in the classroom and study of more advanced grammatical structures, vocabulary, and idiomatic expressions. In addition, students will acquire the linguistic and cultural insights which come with the study of a new language.

Open to students who have completed ITL 152 or its equivalent.

3 hours a week, 1 semester, 3 credits. Fall

ITL 202 INTERMEDIATE II

A continuation of Italian 201. In this course, students will communicate in Italian on a variety of topics from personal to literary to global. Knowledge of linguistic structures and cultural understanding will be deepened and expanded. Critical thinking, problem-solving skills, and cultural comparisons will be developed.

Open to students who have completed ITL 201 or its equivalent.

3 hours a week, 1 semester, 3 credits. Spring

ITL 211 ITALIAN READINGS I

Readings and discussions based on Italian texts. Review of the language through literature, civilization, and the contemporary scene.

Open to students who have completed three or more years of high school Italian.

3 hours a week, 1 semester, 3 credits. Fall

ITL 212 ITALIAN READINGS II

Advanced readings and discussions based on Italian texts. Continued study of the language through literature, civilization, and the contemporary scene.

Open to students who have completed Italian 211.

3 hours a week, 1 semester, 3 credits. Spring

SPANISH

Core Courses: If the student has fulfilled the prerequisites, any course may be offered for the core.

Major: Spanish 401 and 402 are required. Twenty-seven credits in electives will be chosen with the advice of the department representative.

Majors may take *either* Spanish 231 or 232.

The department will accept up to 15 transfer credits. Spanish 221 and 222 are prerequisites for all advanced literature courses.

An average grade of B- is required in all College Spanish courses applied toward the major.

Spanish majors on the B plan are encouraged to study a second Romance language.

Area of Concentration for the Child Study Major: There are no required courses. Spanish electives totaling 24 credits will be taken with the advice of the department representative. Concentrates may take *either* Spanish 231 or 232.

The department will accept up to 12 transfer credits for the concentration. An average grade of B- is required in all College Spanish courses applied toward the area.

Minor; 18 credits above Spanish 151.

Courses that are not scheduled can be made available on sufficient demand.

SPN 151 ELEMENTARY I

A communicative approach to the fundamentals of the Spanish language with emphasis on listening comprehension, speaking, and cultural awareness. This course, along with Spanish 152, is designed to enable students to communicate in Italian in everyday situations.

For students who have no (or little) previous knowledge of Spanish

3 hours a week, 1 semester, 3 credits. Fall

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SPN 152 ELEMENTARY II

A continuation of Spanish 151 with increasing emphasis on oral communication, grammatical structures, reading, writing, and appreciation of Spanish culture.

Open to students who have completed SPN 151 or its equivalent.

3 hours a week, 1 semester, 3 credits. Spring

SPN 201 INTERMEDIATE I

This course seeks to develop intermediate-level communication skills in Spanish. Students will improve their proficiency in speaking, reading, and writing Spanish through interactive activities in the classroom and study of more advanced grammatical structures, vocabulary, and idiomatic expressions. In addition, students will acquire the linguistic and cultural insights which come with the study of a new language.

Open to students who have completed SPN 152 or its equivalent.

3 hours a week, 1 semester, 3 credits. Fall

SPN 202 INTERMEDIATE II

A continuation of Spanish 201. In this course, students will communicate in Spanish on a variety of topics from personal to literary to global. Knowledge of linguistic structures and cultural understanding will be deepened and expanded. Critical thinking, problem-solving skills, and cultural comparisons will be developed.

Open to students who have completed SPN 201 or its equivalent.

3 hours a week, 1 semester, 3 credits. Spring

SPN 211 READINGS IN SPANISH LITERATURE AND CULTURE

Readings and discussions based on Spanish literary texts, as well as on essays and articles reflecting the contemporary culture of Spain. Focus on improvement of analytical and writing skills.

Open to students who have completed SPN 202 or three years of high school Spanish, or with special permission.

3 hours a week, 1 semester, 3 credits. Spring 2000

SPN 212 READINGS IN LATIN AMERICAN LITERATURE AND CULTURE

Readings and discussions based on Latin-American literary texts, as well as on essays and articles reflecting the contemporary culture of Latin America. Focus on improvement of analytical and writing skills.

Open to students who have completed SPN 202 or three years of high school Spanish, or with special permission.

3 hours a week, 1 semester, 3 credits.

SPN 221 ADVANCED GRAMMAR

Study of Spanish grammar, vocabulary, and idioms on an advanced level. Readings and discussions based on Spanish texts. Focus on development of writing skills.

Open to students who have completed SPN 202 or four years of high school Spanish, or with special permission.

3 hours a week, 1 semester, 3 credits. Fall

SPN 222 ADVANCED COMPOSITION AND CONVERSATION

Focus on improvement of writing, oral, and analytical skills.

Open to students who have completed SPN 221 or with special permission.

3 hours a week, 1 semester, 3 credits. Spring

SPN 223 CONVERSATION

A course intended to help the student acquire a greater degree of fluency in the spoken language.

Open to students who have completed Spanish 152 and to those offering two years of high school Spanish or its equivalent who are seeking to increase their fluency

Not open to native speakers of Spanish.

3 hours a week, 1 semester, 3 credits. Spring 2001

SPN 231 SPANISH CIVILIZATION

A study of the physical environment of Spain; the Spanish race; institutions of old and modern Spain; architecture, music and painting. Conducted in English.

3 hours a week, 1 semester, 3 credits,

SPN 232 LATIN AMERICA: CULTURE AND CIVILIZATION

A study of the evolution of the most significant cultural aspects of Latin America from its origin to present day. Special focus on its basic ethnic, cultural, and socio-economic background to provide students with a better understanding of the principal Latin American groups in the United States. Conducted in English.

3 hours a week, 1 semester, 3 credits. Spring 2000

SPN 251 MASTERPIECES OF SPANISH LITERATURE IN
TRANSLATION

A study of Spanish literature from the Middle Ages to the 20th century through analysis of important works. Readings include *El Cid* and works by Cervantes, Lope de Vega, Lorca, etc.

3 hours a week, 1 semester, 3 credits.

Advanced Literature

SPN 260 INTRODUCTION TO HISPANIC LITERATURE

Readings from Spanish and Spanish American literatures; literary analysis in the four basic genres: narrative, poetry, drama, and the essay; study of figurative language; compositions and conversation in Spanish.

3 hours a week, 1 semester, 3 credits. Fall 2000

SPN 261 SURVEY OF SPANISH LITERATURE

A study of representative literature of Spain from its origins to the end of the Golden Age. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits. Spring 2001

SPN 262 SURVEY OF SPANISH LITERATURE

A continuation of Spanish 261. The study of the literature of Spain from the eighteenth century to the twentieth. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits. Fall 1999

SPN 263 SURVEY OF SPANISH AMERICAN LITERATURE

A study of the literature of Spanish America from Spanish transcriptions of Mayan legends through the twentieth century. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits. Spring 2000

SPN 301 DRAMA OF THE GOLDEN AGE

A study of the development and character of sixteenth and seventeenth century Spanish drama, with special emphasis on Lope de Vega, Tirso de Molina, and Calderon de la Barca. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits.

SPN 302 CERVANTES: DON QUIJOTE

An analytical study of Cervantes' masterpiece from a structural and stylistic point of view, taking into consideration the evolution of its critical interpretations, its relation to the period, and its expression of universal values. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits. Spring 2001

SPN 303 19TH CENTURY SPANISH NOVEL

A study of the renaissance of the novel in the nineteenth century, with a critical consideration of its most important authors and works. Major literary movements such as "costumbrismo", Realism and Naturalism are analyzed and discussed. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits.

SPN 304 CONTEMPORARY DRAMA

Study of the development of the contemporary drama from the theater of transition in the 19th century to the present. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits. Fall 1999

**SPN 320 SPANISH AMERICAN POETRY FROM
"MODERNISMO" TO THE PRESENT**

A study of the development of Spanish American poetry from the "Modernista" movement to the present. Conducted in Spanish.

3 hours a week, 1 semester, 3 credits.

SPN 401-402 SEMINAR

In-depth study of a Spanish or Spanish-American literary figure or movement. Students will be expected to write an extended research paper.

A major course for seniors. Conducted in Spanish.

Juniors may register for this course with special permission from the Chairperson of the department.

2 hours a week, 2 credits.

1 hour a week, 1 credit. Spring 2000

PHILOSOPHY

Stanley A. Nevins, Ph.D., *Chairperson*

Philosophy, the love of wisdom, is at the heart of a liberal education. It seeks to question and interpret the full range of human experience and critically examine the assumptions, methods, and claims of other bodies of knowledge represented in the curriculum, including its own.

On a personal level philosophy challenges students to think critically from the point of view informed by the history of ideas and from a variety of perspectives. Ultimately, philosophy aims at a wisdom that may support a meaningful life and guide life's decisions.

Courses in philosophy provide an excellent foundation for professional study in law, history, education, the natural and social sciences, and religious studies.

Core Courses: Philosophy 123, 124, 135, 150, 154, 160.

PHI 123 THE ART OF THINKING

This is a basic course which aims to demonstrate, analyze, and develop fundamental skills in critical thinking and effective communication which are the mark of an educated person. Students will be expected to evaluate and construct arguments in a wide variety of contexts that bear upon the moral, political, and professional dimensions of their lives.

3 hours a week, 1 semester, 3 credits. Fall

PHI 124 INVITATION TO PHILOSOPHY

PHI 124 is designed to introduce students to the problems, methods, and aims specific to philosophy. It seeks to accomplish this through discussion of a variety of traditional and contemporary examples of philosophical literature which will challenge students to think critically about their values, their claims to knowledge, and their beliefs about reality. Individual instructors may follow either an historical or a problematic approach to this course. Additionally, PHI 124 seeks to encourage awareness of the relation between philosophy and other disciplines of the core curriculum.

3 hours a week, 1 semester, 3 credits. Spring

PHI 127 EXISTENTIALISM

An introduction to the philosophy of existentialism through the study of Kierkegaard, Nietzsche, Heidegger, Sartre and Marcel.

3 hours a week, 1 semester, 3 credits. Fall 1999, 2001

PHI 135 MODELS OF THE SELF

An examination of selected writings from great philosophers having implications for different ways of self-understanding.

3 hours a week, 1 semester, 3 credits. Fall 2000

PHI 150 GREAT PHILOSOPHERS

A study of the fundamental ideas of central figures in philosophy from Plato to Kant. Directed readings and discussions on Plato, Aristotle, Aquinas, Descartes, Hume and Kant.

3 hours a week, 1 semester, 3 credits. Spring

PHI 154 SOURCES OF GREAT WESTERN IDEAS CLA 154

This course undertakes a study of the classical origins of Western philosophy in Greece and Rome with a special emphasis on its relevance to Modern times. Readings may include literature, drama, poetry, as well as the classic Greek philosophical texts in an examination of such foundation concepts as nature, self, soul, and virtue.

Course may be credited to Philosophy or to the Classics.

3 hours a week, 1 semester, 3 credits. Spring

PHI 160 INTRODUCTION TO ETHICS

What are the sources of morality? What makes an action right or wrong? What constitutes "the good life?" This course will explore these questions and examine related issues such as absolutism vs. relativism, objectivism vs. subjectivism, rules vs. outcomes. General theories will be applied to specific ethical dilemmas through discussion.

3 hours a week, 1 semester, 3 credits. Fall

Note: Since the Philosophy Department is a non-major department, course offerings for each year may vary slightly from the dates printed here in order to accommodate the schedules of major departments. Students are advised to check the day and hour schedules for each term in which they are planning to take a philosophy course.

PHYSICAL EDUCATION

The courses in physical education are designed to foster the student's development in skills including coordination, accuracy, alertness, strength and endurance; beneficial use of leisure time through sportsmanship, cooperation, courtesy, leadership and fellowship. Team sports are available within the non-academic program.

PE 113 AEROBICS AND FITNESS

An introduction to body toning and strengthening with an emphasis on the cardiovascular system. This course will also explore the various methods of warming up and spot reducing.

2 hours a week, 1 semester, 1 credit. Fall and Spring

PE 114 WEIGHT TRAINING

Beginning course in weight training and conditioning. Nutrition, diet and carryover effects of this course will be discovered through actual participation.

2 hours a week, 1 semester, 1 credit. Fall

PE 115 VOLLEYBALL

Fundamental skills and their use in volleyball.

2 hours a week, 1 semester, 1 credit. On demand

PE 120 SELF-DEFENSE

The psychology and techniques of self-defense.

2 hours a week, 1 semester, 1 credit. Spring

PE 128 CARDIO KICK-BOXING FOR FITNESS

A cardio physical fitness program done with music, which includes no-contact boxing and martial arts techniques, along with some exercise and stretching routines.

2 hours a week, 1 semester, 1 credit. Fall

Members of the Women's or Men's Varsity Basketball, Women's Volleyball, Women's Softball may earn 1/2 credit for one semester, in accordance with the policy that "students may earn 1/2 academic credit per semester for a total of two credits toward the degree for participation in Art Club, Chapel Players (Dramatics), Men's/Women's Varsity Basketball, Women's Volleyball, Women's Softball, and Yearbook." Consult Moderator and Director of Athletics.

PHYSICAL SCIENCES

S. Mary L. Maier, Ph.D., *Chairperson*

The introductory courses in the physical sciences are designed to give the student a basic understanding of the nature of matter and the physical universe and of the impact of the physical sciences on society. The advanced courses offer the training needed by those who will be professionally concerned with scientific matters in the future in industry, research, medicine, or teaching.

CHEMISTRY

Core Courses: Laboratory science requirement: Chemistry 120, 130, 150, Science 135. Non-laboratory requirement: Science 101, 130.

Major:

All students who major in Chemistry must take the following courses:

Chemistry 150, 151, 250, 251, 260, 450

Mathematics 205, 206, Computer course if non-user

Physics 150, 151

Plan A students are required to add Chemistry 350, 351, 460 and any one of Chemistry 331, 360, 420, or 440.

Plan B students are required to add Chemistry 350, 351, 460, Biology 150, 151. For other requirements, see Education Department section.

Business Sequence students are required to add Chemistry 350, Chemistry 351, Chemistry 360, Business 100, Accounting 110, and Economics 120 or 226.

Biochemistry Sequence students are required to add Chemistry 331, 332, 349, 460, Biology 290, 330 and any one of Biology 340, 460, 461.

A minimum grade of C is required in each freshman chemistry course before the declaration of a major. A minimum average of C is necessary in the required chemistry courses in order to continue as a major. For the Biochemistry Sequence, a minimum grade of C is also required for all Biology courses.

Area of Concentration for Child Study Majors: Child Study majors will elect their courses (24 credits in the Biological and Physical Sciences) with the approval of the Child Study Department Chairperson and the Biology and Physical Science Chairpersons.

CHE 120 CHEMISTRY AND SOCIETY

This course combines the basic principles of chemistry with an examination of the role of chemistry in contemporary life. The nonscience major will understand applications of the theories of chemistry to modern world conditions such as water and air pollution, use of drugs, food preservation, and agriculture technology.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.

Spring

Lab fee-\$30

CHE 125 AN INVESTIGATION INTO FORENSIC SCIENCE

Forensic science is a significant element in the process of solving crimes. Careful analysis of material at or from the crime scene requires a knowledge of various sciences, and chemistry is integral to most investigations. A non-science major will find the application of chemical principles to the characteristics of soil, fiber, paint, body fluids, explosives, fingerprints, drugs and other forensic evidence of contemporary importance.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.

Spring

Lab fee-\$30

CHE 130 INTRODUCTION TO CHEMICAL SCIENCE

A basic chemistry course for the non-science and health-science major, directed to an understanding of the principles of chemical theory. The investigation of matter as it is measured, taken apart, and put back together by chemists.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.

Offered when there is sufficient student demand.

Lab fee-\$30

CHE 150 GENERAL CHEMISTRY I

An intensive study of the laws and concepts of chemistry; atomic and molecular structure, stoichiometry and thermochemistry involved in chemical reactions. Bonding theories and intermolecular forces are related to chemical and physical properties. Emphasis on measurements in the laboratory.

Prerequisite: Departmental approval.

4 hours lecture, 3 hours laboratory a week, 1 semester, 5 credits.

Fall

Lab fee-\$60

CHE 151 GENERAL CHEMISTRY II

A continuation of Chemistry 150. Topics include properties of gases, liquids, solids and solutions. Equilibrium is emphasized in its relation to thermodynamics, rates of reaction, acid-base chemistry, oxidation and reduction, electrochemistry. Nuclear chemistry is briefly considered.

Prerequisite: Chemistry 150 or Departmental approval

4 hours lecture, 3 hours laboratory a week, 1 semester, 5 credits.

Spring

Lab fee-\$60

CHE 250 ORGANIC CHEMISTRY I

Study of the structural theory of organic chemistry relating the physical and chemical properties of representative aliphatic and aromatic compounds to their electronic structures. The laboratory will emphasize preparation, purification, and identification of organic compounds.

Prerequisite: Minimum grade of C in Chemistry 150, 151

4 hours lecture, 4 hours laboratory a week, 1 semester, 5 credits.

Fall

Lab fee-\$60

CHE 251 ORGANIC CHEMISTRY II

A continuation of the integrated study of aliphatic and aromatic compounds and an introduction to the chemistry of natural products.

Prerequisite: Chemistry 250

4 hours lecture, 4 hours laboratory a week, 1 semester, 5 credits.

Spring

Lab fee-\$60

CHE 260 ANALYTICAL CHEMISTRY

A study of the fundamental quantitative aspects of chemistry with laboratory procedures employing volumetric, gravimetric, and instrumental methods.

Prerequisite: Chemistry 151

3 hours lecture, 4 hours laboratory a week, 1 semester, 4 credits.

Fall 1999, 2001

Lab fee-\$60

CHE 331 BIOCHEMISTRY I

An introduction to biological molecules including proteins, enzymes, lipids, carbohydrates, vitamins, and hormones with emphasis on the relationship between molecular structure and function. Central metabolic pathways are presented to demonstrate how these molecules work together in complex biological mechanisms. Applications to medical diagnosis and treatment are included.

Prerequisite: Chemistry 250

3 hours a week, 1 semester, 3 credits. Spring

CHE 332 BIOCHEMISTRY II

Advanced study of biological molecules emphasizing experimental methods used in biochemistry, regulatory mechanisms, biosynthetic pathways, and the kinetic and thermodynamic aspects of enzyme function and energy production. Applications to medical diagnosis and treatment are included.

Prerequisite: Chemistry 331

3 hours lecture, 1 semester, 3 credits. Fall

144 Physical Sciences

CHE 349 PHYSICAL CHEMISTRY FOR THE LIFE SCIENCES

The central concept of all branches of physical chemistry, just as in all areas of physical science, is that of energy. In this course the areas of thermodynamics, molecular structure, kinetics, electro-chemistry, and solution chemistry are investigated within the context of the living system. The laboratory component of the course will provide experiences which reinforce concepts such as enzyme kinetics, enthalpy, entropy and other aspects of the physical chemistry of life.

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.

Spring 2000

Lab fee-\$60

CHE 350 PHYSICAL CHEMISTRY I

Physical explanation of matter as it is related to energy on the molecular and bulk matter levels. The laws of chemical thermodynamics and statistical thermodynamics lead to the study of quantum mechanics, bonding theory, energy level transitions, and spectroscopic analysis of matter.

Prerequisites: College Physics, Calculus, Chemistry 151

3 hours lecture, 1 semester, 3 credits. Fall 2000

CHE 351 PHYSICAL CHEMISTRY II

A consideration of chemical reactions involving three states of matter. A study of kinetics and equilibrium in gaseous, liquid, and solid systems, including transitions between system phases. A brief examination of electrochemical, colloidal, and high energy processes.

Prerequisite: Chemistry 350

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.

Spring 2001

Lab fee-\$60

CHE 360 INTRODUCTION TO INDUSTRIAL CHEMISTRY

A study of the chemical substances used to supply the needs and wants of modern society, the processes by which these substances are produced, and the impact of these processes on society.

Prerequisite: Chemistry 251

1 hour lecture; guided independent study, 1 semester, 3 credits.

Offered when there is sufficient student demand.

CHE 410 INTERNSHIP

Practical experience in a laboratory or other similar setting approved by the Department. This option enables students to acquire skills appropriate to their career plans.

Prerequisite: Junior or Senior Chemistry major, 3.0 cum in major courses, acceptance at the cooperative institution, and Departmental approval.

A minimum of 130 hours is required, 3 credits.

CHE 420 ENVIRONMENTAL CHEMISTRY

An investigation into the chemical reactions that characterize the natural resources of our planet as they are utilized by today's technological society, resources found in air, water, and earth. This course offers the science major an opportunity to apply many of the scientific principles previously studied to the local, national, and worldwide processes that are contributing to either the preservation or the destruction of the environment. Possible solutions to environmental problems will also be addressed.

Prerequisite: Chemistry 260

3 hours lecture, 1 semester, 3 credits. Offered when there is sufficient student demand.

CHE 440 ADVANCED INORGANIC CHEMISTRY

This study of the groups of elements that are found in inorganic and organometallic compounds focuses upon bonding theories that explain the structures of these compounds. Elements are also examined for acid-base behavior as related to electron affinity. Advanced spectroscopic and resonance methods for deducing molecular structures are investigated. Special topics include boron chemistry, noble gas chemistry, the lanthanides and actinides.

Prerequisite: Chemistry 350

3 hours a week, 1 semester, 3 credits. Offered when there is sufficient student demand.

CHE 450 SEMINAR IN CHEMISTRY

A consideration of the use of the chemical literature and the methods of scientific research; presentation of a seminar paper, and attendance at seminars given in universities in the metropolitan area.

Required of majors in the senior year.

1 semester, 1 credit. Fall

CHE 460 SENIOR PROJECT

A course allowing individual investigation in some special field of chemistry, may involve literature or laboratory research.

Required of majors in the senior year.

2 semesters, 3 credits for the year.

SCI 101 THE ASCENT OF MAN

See Interdisciplinary Courses.

SCI 130 CHEMISTRY AND NUTRITION

See Interdisciplinary Courses.

SCI 135 CHEMISTRY IN NUTRITION AND PERSONAL HEALTH

See Interdisciplinary Courses.

PHYSICS

PHY 150 GENERAL PHYSICS-MECHANICS, MOLECULAR PHYSICS, HEAT, SOUND

Newton's laws of motion, mechanics and properties of matter, mechanics of rigid bodies, work and energy, fluids in motion, molecular and atomic theory, special properties of matter due to molecular forms, elasticity, temperature, quantity of heat, work and heat, transfer of heat, wave motion and sound.

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.

Fall

Lab fee-\$60

PHY 151 GENERAL PHYSICS-MAGNETISM, ELECTRICITY, OPTICS, ATOMIC PHYSICS

Magnetism, electrostatics, electric circuits, electromagnetism; conduction through gases, radioactivity; nature of light propagation, photometry, reflection, refraction, lenses, optical instruments, interference, diffraction, polarization.

Prerequisite: Physics 150

3 hours lecture, 3 hours laboratory a week, 1 semester, 4 credits.

Spring

Lab fee-\$60

PSYCHOLOGY

Paul Hawryluk, Ph.D., *Chairperson*

Elizabeth Anslow, Ph.D., *Associate Chairperson*

The psychology major is designed for those students who need a solid preparation for graduate study in psychology. The departmental offerings are also suitable for those students who intend to engage in any of the professions in which knowledge of psychological principles is fundamental. Many courses are relevant for those students who are interested in enriching their understanding of human behavior.

Core Courses: PSY 100. Students who have completed PSY 100 may also offer PSY 150 and PSY 180 as additional core courses.

Major: (33 credits) The following courses are required to complete the major: PSY 100, 310, 380, 391 and 460. Elective courses in psychology should be selected from a variety of areas with departmental advisement.

Biology is the preferred natural science core for psychology majors. Students who are preparing for graduate study in psychology are advised to complete courses in a foreign language and in computer science.

Minor: (18 credits with no more than 6 credits in 100 level courses.) PSY 100 is required. Elective courses in psychology should be selected with departmental advisement to complement the student's major field of study. Human Relations majors or Child Study majors with an area of concentration in Psychology or Human Relations may not elect to minor in Psychology.

Area of Concentration for Child Study Majors: (24 credits with no more than 9 credits in 100 level courses): The following courses are required to complete the concentration: PSY 100, 200 or 210, 220, 261 and 300. Students who have completed CS 321 must substitute an additional psychology elective in place of PSY 300. PSY 150 is recommended for concentrates. Students who plan to go to graduate school for psychology are advised to complete PSY 310, 380 and 391 as well.

Certificate In Gerontology

For a description of the program leading to this certificate, see page 177.

PSY 100 INTRODUCTION TO PSYCHOLOGY

A broad introduction to the methodology, concepts, and major content areas of psychology designed to provide the student with a scientific basis for understanding human behavior.

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 120 CHILD PSYCHOLOGY

See Child Study 101.

148 *Psychology*

PSY 150 GROUP DYNAMICS AND COMMUNICATION

A theoretical introduction to small group processes, with an emphasis on the relationship between groups and the individual, and the communication process. Students participate in small group exercises as part of the course requirements.

3 hours a week, 1 semester, 3 credits. Fall

PSY 170 EDUCATIONAL PSYCHOLOGY

See Education 115.

PSY 180 PSYCHOLOGY OF WOMEN

Examination of the biological, social and cultural influences on the psychological development of women. Focus on the vital issues which modern women face daily in a rapidly changing world.

3 hours a week, 1 semester, 3 credits. Spring 2000

PSY 200 PSYCHOLOGY OF LEARNING

An examination of the major theories of learning, and the study of human and animal research in classical and operant conditioning, observational learning, and verbal learning.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 210 COGNITIVE PROCESSES

An examination of models of human cognition focusing on perceptual processes, mental representation, thinking and problem solving, reasoning, language, intelligence and creativity.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall 2000

PSY 220 ADOLESCENT PSYCHOLOGY

A comprehensive survey of adolescent behavior in its intellectual, emotional, and social aspects. Techniques for enhancing the adolescent's potential for growth and productivity are given special consideration.

Prerequisite: PSY 100 or PSY 170 (EDU 115)

3 hours a week, 1 semester, 3 credits. Spring

PSY 230 ADULT DEVELOPMENT AND AGING

Focus on human development from early adulthood through middle age, aging, and death. Emphasis is on the growth of the individual in relation to contemporary society, with theoretical viewpoints and empirical results from individual, social, and developmental psychology.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall 2000

PSY 251 SOCIAL PSYCHOLOGY

An analysis of the processes of social interaction and their effects upon the behavior and attitudes of individuals and groups.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall and Spring

PSY 261 PSYCHOLOGY OF PERSONALITY

A survey of the major contemporary theories of personality and the important applications associated with each theoretical approach.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 271 ABNORMAL PSYCHOLOGY

An examination of the diagnostic classifications of abnormalcy with an emphasis on causation and treatment.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 280 INDUSTRIAL PSYCHOLOGY

Application of psychology to business and industry in the area of personnel selection, training and evaluation, job satisfaction, motivation, communication, and man-machine interface.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall 1999, 2001

PSY 300 PSYCHOLOGICAL TESTING

An introduction to psychological measurement including the history of mental testing; the statistical concepts of test construction; and a survey of tests of intelligence, aptitude, achievement, personality, and tests for special populations. Students will administer practice tests and participate in demonstrations of the major types of assessment techniques.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 310 INTRODUCTION TO STATISTICS

The basics of statistical analysis needed for conducting research and for understanding experimental literature in the behavioral sciences.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall

PSY 325 INTRODUCTION TO BEHAVIOR MODIFICATION

Introduction to the methods and theory of behavior modification and its application to specific behavior problems.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring 2000

PSY 330 SELECTED TOPICS IN PSYCHOLOGY

Focus on areas of psychological inquiry not covered in depth in the regular course offerings of the department. The selected topic can change each time the course is offered. It will enable students to take advantage of faculty expertise in areas of interest to both faculty and students.

Prerequisite: At least 12 credits in Psychology or permission of the department.

3 hours a week, 1 semester, 3 credits. Offered at department's discretion.

PSY 340 HISTORY AND SYSTEMS OF PSYCHOLOGY

Traces the development of psychology from its roots in philosophy to the evolution of psychology as a science over the last one hundred years.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Fall 2000

PSY 360 COUNSELING PSYCHOLOGY

An examination of the origins and characteristics of the counseling relationship, including an analysis of the major contemporary theories and techniques of counseling.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 370 INTRODUCTION TO CLINICAL PSYCHOLOGY

An introduction to the principles and techniques of clinical interviewing, evaluation, referral, and the planning of treatment. Field placements will provide students with an opportunity to observe the various institutional settings in which clinical psychologists work and the variety of psychological services offered there.

Prerequisite: PSY 271 and permission of the instructor

2 hours lecture, 3 hours placement a week, 3 credits. Additional conferences will be scheduled on a regular basis for supervision of the placement experience. Spring

PSY 380 PHYSIOLOGICAL PSYCHOLOGY

A survey of the physiological bases of behavior including an overview of the nervous system and the structure of the brain; a discussion of the influence of hormones and chemical transmitters within the brain on psychological functions; and an examination of the influence of physiological processes on such activities as sleep, emotional states, eating behavior, and learning and memory.

Prerequisite: PSY 100

3 hours a week, 1 semester, 3 credits. Spring

PSY 391 INTRODUCTION TO EXPERIMENTAL METHODOLOGY

Theory and technique in the experimental study of behavior, including research projects and formal written reports.

Prerequisites: PSY 100 and PSY 310

3 hours a week, 1 semester, 3 credits. Spring

Lab fee-\$30

PSY 400 INTERNSHIP IN PSYCHOLOGY

Designed to provide educational experience in a variety of applied professional settings. A representative from the cooperating local agency and a member of the Psychology faculty will jointly supervise the student who must work a minimum of 100 hours without remuneration during the internship. The student must meet regularly with the faculty supervisor, maintain a log of his or her activities, and submit a paper analyzing the application of psychological principles in the internship setting.

Prerequisite: Junior or Senior Psychology Major with at least 15 credits in Psychology and a minimum GPA of 3.0. Permission of the department is required.

1 semester, 3 credits. Offered at department's discretion

PSY 460 SENIOR RESEARCH SEMINAR

The senior psychology major will select a specific topic of interest in the field of psychology for critical and intensive investigation. The student will be required to review the psychological literature on the chosen topic, generate an original research question, and plan a method of research and an appropriate statistical analysis to further investigate the problem

Prerequisite: A substantial background in psychology, including PSY 100, PSY 310, and PSY 391

3 hours a week, 1 semester, 3 credits, Fall

PSY 465 ADVANCED RESEARCH SEMINAR

Execution of the research proposal designed in Psychology 460. This will include a collection of data, in-depth statistical analysis of results utilizing the computer, interpretation of the results and the completed research report.

Prerequisite: A minimum grade of B+ in PSY 460 and permission of the department.

3 hours a week, 1 semester, 3 credits, Spring

RELIGIOUS STUDIES

S. Josephine Marie Cavanaugh, S.T.D., *Chairperson*

Courses in Religious Studies offer to students the opportunity to deepen their knowledge of the various religious traditions of peoples. The courses are given to enable the student to appreciate the religious beliefs of all people within the context of their cultural and historical development. Courses have also been designed to provide the opportunity for students to study the current complex issues of society from both a theological and moral viewpoint.

Core Courses: Any course may be offered for the core.

RS 122 HEBREW SCRIPTURES - OLD TESTAMENT

An introduction to the inspired writings of the Old Testament. The books of the Old Testament are selectively examined as statements of faith. The course analyzes the traditions behind these texts, the various literary forms in these books, and the experiences of the Jewish peoples which produced these writings.

The course also considers the role of Hebrew Scriptures in the faith of Christianity.

3 hours a week, 1 semester, 3 credits. Spring 2001

RS 123 NEW TESTAMENT

This course is a contemporary critical study of the message and the meaning of the New Testament, of its origin, and of the historical situation in which it was written. Important scriptural terms, ideas, and themes are examined. Emphasis is given to the traditions which formulate the faith demands of the New Covenant and its proclamation: Jesus Christ, Son of God, Savior.

3 hours a week, 1 semester, 3 credits. Fall 1999

RS 130 ENCOUNTERING GOD IN FAITH

New approaches for examining the rational foundations of religious faith with special emphasis on the problem of God and the sources of unbelief in contemporary culture; a consideration of religious peak experiences; the current question of "God-Talk;" the nature of faith and its relationship to reason and to theology.

3 hours a week, 1 semester, 3 credits. Spring

RS 131 JESUS THE CHRIST

An historical and theological development of the foundational period of the Christian community's understanding of Christ as the risen Lord. The course will then explore the further development of these basic beliefs through the Chalcedonian, medieval and modern periods.

3 hours a week, 1 semester, 3 credits. Spring 2000

RS 134 SACRAMENTAL THEOLOGY

A study of the contemporary theology of the sacraments and their role in the Christian's life within the Church. The ongoing dialogue within the Christian Churches in the area of sacramental theology is examined in depth.

3 hours a week, 1 semester, 3 credits. Fall

RS 145 THEOLOGY OF DEATH AND DYING

An examination of America's interest in death education, recent contributions of the behavioral sciences; biblical and theological perspectives on death and after-life in Christian and in Jewish teachings.

3 hours a week, 1 semester, 3 credits. Spring

RS 147 CHRISTIAN MARRIAGE

This course will attempt to establish the scriptural and traditional roots of the Christian understanding of marriage. Topics of contemporary interest are studied.

3 hours a week, 1 semester, 3 credits. Fall 1999, 2001

RS 151 CONTEMPORARY APPROACHES TO MORALITY

A survey of the principal trends in moral theology, tracing these trends from their biblical roots to the new insights of modern scholars.

3 hours a week, 1 semester, 3 credits. Fall 2000

RS 164 AMERICAN PROTESTANTISM

A consideration of the history of the many epochs in American Protestantism; a study of the religious beliefs of the different groups which constitute American Protestantism; a survey of Revival, Evangelism, and Reform Movements which occurred at different points in their history; the social significance of the Protestant Churches in America from their beginnings until today.

3 hours a week, 1 semester, 3 credits. Offered when there is sufficient student demand.

RS 165 JUDAISM

A study of religion, philosophy, history and way of life of the Jewish people. A special emphasis is given to the concepts of Judaism as they are practiced and understood by contemporary members of the Jewish faith.

3 hours a week, 1 semester, 3 credits. Offered when there is sufficient student demand.

RS 166 CONTEMPORARY CATHOLICISM

A study of contemporary Catholicism which will connect the teaching and practice of the Church today to the teaching of Jesus and his first followers. Attention will be given to the sacramental nature of the Church, the vision of Vatican II, and the principles that guide Catholic moral teaching. The rich spiritual traditions of the Church and the issues that face the Church at the beginning of the new millennium will also be considered.

3 hours a week, 1 semester, 3 credits. Spring 2000

RS 173 QUEST FOR GOD

A study of man's prayerful attempts to commune with God as these have developed in both the East and the West. Analysis of the common elements found in the prayer experience as well as the differences from diverse cultures, philosophies and the like.

3 hours a week, 1 semester, 3 credits. Fall, Spring

RS 174 SOCIAL JUSTICE AND HUMAN DEVELOPMENT

Through the study of Judaeo-Christian social thought, this course will provide a theological method for examining problems relative to social justice and human development.

3 hours a week, 1 semester, 3 credits. Fall 2000

RS 175 PRAYER IN POETRY

A survey of religious poetry in the Anglo-American tradition from 850 AD to the present century, with emphasis on how poetry reveals a spirituality, how the great English and American mystical poets - Christian and otherwise - express the forms of prayer accessible to them in their times and what the poets have said to advance the traditions of belief.

3 hours a week, 1 semester, 3 credits. Fall 2000

SOCIAL SCIENCES

Raymond D'Angelo, Ph.D., Chairperson

Ted McGlone, Ph.D., Associate Chairperson

The Department of the Social Sciences aims to develop a broad understanding of social, economic, and political problems and to instill in students an interest which may lead to constructive activity in the solution of contemporary problems in these fields.

All courses in the Social Sciences Department are open to the entire student body for election.

Core Courses.- POL 102, ECO 120, SOC 100, ANT 151.

Having fulfilled the prerequisites, students may, with departmental guidance, offer other courses within the departmental divisions to fulfill the core.

Major: 30 credits with a department index of C. A maximum of 12 credits may be transferred toward the major.

Three of the following basic courses are required of all majors: ANT 151, ECO 120, POL 102, SOC 100. Students may complete their requirements by concentrating in one of the component disciplines:

Sociology	(24)	Political Science	(24)	Economics	(24)
SOC 100	3	POL 102	3	ECO 120	3
SOC 347	3	POL 103	3	ECO 222	3
SOC 348	3	POL 205 or 215	3	ECO 223	3
SOC 381	3	POL 348	3	ECO 226	3
SOC electives	12	POL 351 or 353	3	ECO 228	3
		POL 381	3	ECO 382	3
		POL electives	6	ECO electives	6

Minor in Sociology: (18 credits) No more than 6 credits at the 100 level. A minimum of C average is required. Elective courses should be selected with departmental advisement to complement the student's major.

Area of Concentration for Child Study Majors: (24) Students will elect a concentration in one of three Social Sciences areas: Sociology, Political Science or Social Sciences. They will choose their courses with the guidance of the Social Sciences Department. Only 9 credits may be taken at the 100 level.

Certificate in Criminology/Criminal Justice

For a description of the program leading to this certificate, see page 176.

ECONOMICS

ECO 120 MACROECONOMICS (BUS 120)

National economic policy; inflation and unemployment in the business cycle; output and income determination; government expenditures and receipts; fiscal policy and monetary policy; Federal Reserve System and the banking system; variations in stabilization policy; the impact of capital-labor relations.

3 hours a week, 1 semester, 3 credits. Fall

ECO 127 COMPARATIVE ECONOMIC SYSTEMS

Study of current economic systems, how they solve various economic problems, and the current state of these systems. Attention will be focused on the variations in modern economic systems: capitalist, state capitalist, market socialist, socialist, and traditional. Select countries will be used as case studies for analysis of these various economic systems.

3 hours a week, 1 semester, 3 credits. Spring

ECO 161 INTERNATIONAL ECONOMIC PROBLEMS (BUS 161)

Survey of current problems covering international trade, international finance, the relations between technologically advanced and less-developed nations, and various international institutions and markets. Focus on current issues of international economic policy.

3 hours a week, 1 semester, 3 credits. Fall 2000

ECO 221 LABOR ECONOMICS (BUS 221)

A study of the political economy of labor market demand and supply, the labor process and the philosophic foundations of various theories of labor. The course surveys the historical and current problems of labor organization and unions as well as the impact of race, gender and class on labor and income distribution.

Prerequisite: ECO 120

3 hours a week, 1 semester, 3 credits. Fall 1999

ECO 222 STATISTICS (BUS 222)

Collection and tabulation of statistical data. Sampling. Probability. Binomial distribution and the use of the normal curve.

Prerequisite: MAT 113 or MAT 200

3 hours a week, 1 semester, 3 credits. Fall

**ECO 223 MONEY AND BANKING
(BUS 223)**

The roles of money and credit, financial markets and institutions, and central banking in the U.S. economy. The banking system and its relationship with the Federal Reserve System, as well as international banking issues and problems, will also be analyzed and explored.

Prerequisite: ECO 120

3 hours a week, 1 semester, 3 credits. Spring

**ECO 226 MICROECONOMICS
(BUS 226)**

Marginal analysis of demand and supply, the individual firm, and market microstructure. Consumer behavior and producer behavior. Alternative models of price determination and profit maximization. The relation between input and output markets.

Prerequisite: ECO 120

3 hours a week, 1 semester 3 credits. Spring

ECO 228 HISTORY OF ECONOMIC THOUGHT

A survey of the development of economic theory; issues and problems of the Classical economists; Marx's critique of Classical political economy; the roots of contemporary schools of thought. Selected primary readings are integrated into the course. Emphasis will be placed upon analysis of the relationship between value and price.

Prerequisite: ECO 120

3 hours a week, 1 semester, 3 credits. Offered when there is sufficient student demand.

ECO 278 ECONOMIC GEOGRAPHY

Geographic distribution of the economic activities of production, distribution, and exchange of goods and services. Particular attention is given to the location of economic activity as a function of unequal factor endowment.

3 hours a week, 1 semester, 3 credits. Spring 2001

ECO 359 INDEPENDENT STUDY IN ECONOMICS

An opportunity for students to do advanced work in a specialized area in Economics. Students will work with an Economics faculty member in studying and analyzing economic issues and topics of interest.

Open to seniors and juniors with departmental approval.

Prerequisites: ECO 120 and ECO 226

1 semester, 3 credits.

ECO 370 SPECIAL TOPICS IN ECONOMICS

This course will include economic issues, developments or problems not covered in depth in the regular course offerings. It will enable students to take advantage of faculty expertise in diverse areas which are of interest to both faculty and students. Possible topics include "Marxian Economics" and "The Crisis in Social Security."

With departmental approval

3 hours a week, 1 semester, 3 credits.

ECO 382 SEMINAR IN ECONOMICS

Seminar student selects jointly with instructor an economic topic to be researched; findings are reported in a formal paper; weekly meetings with instructor.

Prerequisites: at least 12 credits in the social sciences, and approval of the department.

1 semester, 3 credits. Spring

POLITICAL SCIENCE

POL 102 INTRODUCTION TO POLITICAL SCIENCE

A study of the concepts and theory of government. An analysis of the historical and contemporary nature of the state, political power, legal systems, and political ideologies.

3 hours a week, 1 semester, 3 credits. Fall and Spring

POL 103 AMERICAN GOVERNMENT AND POLITICS

An introductory survey of American national politics and government. The course will examine the ideological and socioeconomic context of American politics, the principles of the United States Constitution, non-governmental actors such as political parties and the media, and governmental institutions.

3 hours a week, 1 semester, 3 credits. Fall 2000

POL 104 STATE AND LOCAL GOVERNMENT

A study of government structure, power, and areas of interrelationship of the state and local units, with special emphasis on New York.

3 hours a week, 1 semester, 3 credits. Spring 2001

POL 203 POLITICAL AND CIVIL RIGHTS

A study of the nature and practice of political and civil rights, with an emphasis placed upon the study of contemporary controversies, such as hate speech, separation of church and state, and the rights of the accused. Special attention will be paid to the interaction of political and judicial processes.

3 hours a week, 1 semester, 3 credits. Spring 2001

POL 205 COMPARATIVE GOVERNMENTS

An introductory survey of selected Western and non-Western political systems, with emphasis on comparing and evaluating the performance of these systems in light of democratic and other values.

3 hours a week, 1 semester, 3 credits. Spring 2000

POL 215 INTERNATIONAL RELATIONS, LAW AND ORGANIZATION

(Formerly International Relations)

An introductory survey of international relations. Emphasis will be placed on theories about how nations relate to one another, the role of governmental and non-governmental organizations in the international community, and the resolution of international issues and problems.

3 hours a week, 1 semester, 3 credits. Fall 1999

POL 220 WAR, REVOLUTION, TERRORISM

This course inquires into one of the most intractable problems of our time-the phenomenon of political violence and its most common manifestations, e.g., war, revolution, and terrorism. In analyzing this phenomenon, emphasis will be placed on its origins, underlying motivations, and consequences. Special emphasis will be placed on identifying and defining the criteria that distinguish justifiable from unjustifiable violence.

Prerequisite: POL 102 or POL 103 or POL 205 or POL 215

3 hours a week, 1 semester, 3 credits. Spring 2000

POL 225 AMERICAN PRESIDENCY

An introductory study of the growth and functions of the institution of the presidency and how different factors in its environment, e.g., other institutions of government, interest groups, and personalities of the presidents themselves, affect presidential performance.

Prerequisite: POL 102 or POL 103 or POL 205

3 hours a week, 1 semester, 3 credits. Spring 2001

POL 240 POLITICAL TRANSITION IN EASTERN EUROPE

A study of the dynamics of political change in Eastern Europe in light of the end of the Cold War. Emphasis will be placed on the rise of resistance to communist rule, and the development of popular institutions of representation. Selected cases will be analyzed and compared in terms of the pace of transition, the type of institutions being established, the degree of popular support, opposition and constraints faced, the impact of ethnic nationalism, and the overall prospects for democratization of the region.

Prerequisite: POL 102 or POL 103 or POL 205 or POL 215

3 hours a week, 1 semester, 3 credits. Fall 1999, 2001

POL 280 CONSTITUTIONAL LAW

A study of the origin, theory and interpretation of the United States Constitution. Emphasis will be placed upon controversies surrounding the separation of powers, federalism and economic liberties.

Prerequisite: POL 102 or POL 103

3 hours a week, 1 semester, 3 credits. Fall 1999

POL 290 ACTION PROGRAM IN POLITICAL SCIENCE

Active student participation in programs on political topics. The program is under the supervision of a qualified faculty member.

Prerequisite: POL 102 and permission of Department

Hours and credits to be determined by the program. Offered when there is sufficient demand.

POL 293 AMERICAN URBAN POLITICS

An analysis of the conflicts and tensions in the structure of the urban political systems.

Field work may be substituted, under supervision and with special permission. The hours and credit will be arranged.

Prerequisite: POL 102 or POL 103 or POL 104

3 hours a week, 1 semester, 3 credits. Fall 2000

POL 294 MODEL NORTH AMERICAN TREATY ORGANIZATION PROGRAM

Scheduled for four days in Washington, D.C. every Spring, the Program simulates a NATO session, with each participating college assigned a country to represent. Students learn about the structure and functions of NATO, foreign policy of the country to be represented and parliamentary procedures. A position paper is required along with participation.

With departmental permission

1 hour, 1 or 2 credits. Spring

POL 300 THE DYNAMICS OF POLITICS

An introduction to the complex and varied subjects of politics and government, and their relevance to our lives.

Prerequisite: POL 102 and permission of Department

3 hours a week, 1 semester, 3 credits. Offered when there is sufficient demand.

POL 348 RESEARCH METHODS

(SOC 348)

Theory and practice in the research process with emphasis on the statement of a problem, sampling, and various techniques of collecting and analyzing data.

Prerequisite: 15 Social Science credits or departmental approval

3 hours a week, 1 semester, 3 credits. Fall

POL 351 HISTORY OF POLITICAL THOUGHT

A critical analysis of the political thought of selected writers, from Plato to Marx, relating their ideas to the political, social, and religious environment in which they arose, and indicating their continued significance.

Prerequisite: POL 102 or POL 103 or POL 205

3 hours a week, 1 semester, 3 credits. Offered when there is sufficient student demand.

POL 353 AMERICAN POLITICAL THEORY

A survey of the American political thought from the nation's founding to the present era. Emphasis will be paid to defining moments in American political history, such as the Revolution, the Constitutional Founding, the Civil War, the Industrial Revolution, the Great Depression and the Civil Rights Movement. These debates will be revisited, with mainstream and radical positions discussed.

Prerequisite: POL 102 or POL 103 or POL 203 or POL 225

3 hours a week, 1 semester, 3 credits. Fall 2000

POL 370 SPECIAL TOPICS IN POLITICAL SCIENCE

This course will include political issues, institutions and processes not covered in depth in the regular course offerings. It will enable students to take advantage of faculty expertise in diverse areas which are of interest to both faculty and students. Possible topics include "Ethics in Political Life" and "American Political Parties and Social Movements."

With departmental approval

3 hours a week, 1 semester, 3 credits.

POL 381 SEMINAR IN POLITICAL SCIENCE

Intensive individual research of a topic of interest in the field of Political Science, terminating in a written report.

Prerequisites: POL 348, at least 12 credits in Political Science, and departmental approval.

1 semester, 3 credits. Spring

SOCIOLOGY-ANTHROPOLOGY

SOC 100 INTRODUCTORY SOCIOLOGY

A study of the basic concepts used in sociological analysis, particularly culture, types of social groups, processes of interaction, social class, population traits and trends.

3 hours a week, 1 semester, 3 credits. Fall and Spring

SOC 136 SOCIAL PROBLEMS

A examination of what society considers to be social problems with a view toward showing how society produces these phenomena and to what extent they are solvable. Areas include: crime, mental illness, drug abuse, alcoholism, other forms of deviance, poverty, racism, conflicts over power.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall and Spring

SOC 140 INTRODUCTION TO SOCIAL WORK

Scientific approach to social work as a profession within the structure of modern society; its principles and application of concepts.

Techniques of observation, interviewing, elements of a social history, interpretation of case material. Methods of casework, group work, community organization; role of the social worker functioning in a variety of settings-as practitioner, as consultant to allied fields.

This is a pre-professional course and may not be offered for core curriculum. Not open to Freshmen.

3 hours a week, 1 semester, 3 credits. Fall 1999

SOC 158 CRIMINAL JUSTICE ADMINISTRATION

An overview of the history, structure and function of the police, prosecutor, judicial, and correctional organizations, and their interrelatedness. Through case studies, policy issues such as sufficient evidence, use of discretion and legal concerns will be discussed.

Prerequisite: SOC 100

May not be offered for core curriculum.

3 hours a week, 1 semester, 3 credits. Fall 1999

SOC 220 SOCIOLOGY OF DEVIANT BEHAVIOR

An examination of the various sociological approaches to understanding and explaining crime, delinquency, deviance, drug usage, and other alleged aberrations in society and culture. Additionally, major case studies will be examined.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Summer

SOC 237 INEQUALITY AND SOCIAL CLASS

Topics include: the values, lifestyles and ideologies of the various classes; the relationship of the classes to economic, political and educational institutions; changes in the class structure.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall 1999

SOC 241 EXPERIENCE IN SOCIAL WORK

A planned field experience in a community social work agency; regular seminar meetings to evaluate, discuss and interpret this experience.

Prerequisite: SOC 140

6 hours placement a week, 2 seminar hours, 1 semester, 3 credits.
Spring 2000

SOC 243 CRIMINOLOGY

An examination of sociological concepts, theories, and perspectives regarding the study of crime. Topics include: the amounts and trends of crime; theoretical explanations; policies of crime control.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall 2000

SOC 244 SOCIOLOGY OF CORRECTIONS

An investigation into the various punitive and rehabilitative philosophies and practices employed by the correctional field in dealing with crime and criminality. Topics include: history of corrections; theories of punishment; effectiveness of rehabilitation.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 2000

SOC 245 SOCIOLOGY OF COMMUNITY

This course will emphasize the development of American communities - urban, suburban, small-town and rural. Particular emphasis will be placed on the sociological perspective but will include political, historical and architectural aspects of community development. Classes will be devoted to community; planning, suburban sprawl, the scale and pace of urbanization, and social issues.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall 2000

SOC 246 SOCIOLOGY OF GENDER

Introductory review of economic, social and cultural changes that have modified the traditional definitions of femininity and masculinity in Western societies. Discussions include: socialization, sexual behavior, marriage and alternative life styles.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Fall 2000

SOC 249 RACE AND ETHNIC RELATIONS

An examination of race and ethnic relations in American society, including a discussion of assimilation vs. pluralism, minority status, group tensions and the dynamics of prejudice and discrimination. The experience of historic and contemporary ethnic groups in New York will be explored.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 250 SOCIOLOGY OF DEVELOPING COUNTRIES

Theories of social change will be examined in light of economic, social, political, and cultural transformations which characterize industrializing and modern industrial societies. The focus will be on Asia, Africa and the Middle East.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 2001

SOC 265 SOCIOLOGY OF POPULAR CULTURE

An application of the theory and methodology of sociology to a study of popular culture in America. Content will include an analysis of institutional and market processes. Emphasis will be placed on the decision making processes in the mass media, music, film, the arts and literature and their respective impact on society.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 2001

SOC 270 SOCIOLOGY OF HEALTH

An exploration of the social and cultural facets of health and illness, and the functioning of organizations involved in health care. The social behavior of health personnel and those who are the consumers of health care is stressed also.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring

SOC 285 SOCIOLOGY OF THE FAMILY

The family as a social institution examined in both historical and contemporary contexts with special emphasis on American family patterns.

Prerequisite: SOC 100

3 hours a week, 1 semester, 3 credits. Spring 2000

SOC 347 SOCIOLOGICAL THEORY

The development and continuities of theoretical concepts and orientations in sociology against the intellectual and social backgrounds of their times. Differing schools of thought and representative works.

Prerequisite: 15 Social Science credits or departmental approval
3 hours a week, 1 semester, 3 credits. Fall 1999

SOC 348 RESEARCH METHODS

(POL 348)

Theory and practice in the research process with emphasis on the statement of a problem, sampling, and various techniques of collecting and analyzing data.

Prerequisite: 15 Social Science credits or departmental approval
3 hours a week, 1 semester, 3 credits. Fall

SOC 359 INDEPENDENT STUDY IN SOCIOLOGY

An opportunity for the students to do advanced work in a specialized area.

Open to juniors and seniors in the Sociology Department, with departmental approval.

1 semester. 3 credits.

SOC 370 SPECIAL TOPICS IN SOCIOLOGY

This course will include sociological issues, developments or problems not covered in depth in the regular course offerings. It will enable students to take advantage of faculty expertise in diverse areas which are of interest to both faculty and students. Possible topics include "Juvenile Delinquency," "The Civil Rights Movement," and "The Architecture of Segregation."

With departmental approval
3 hours a week, 1 semester, 3 credits.

SOC 381 SEMINAR IN SOCIOLOGY

Intensive individual research of a topic of interest in the field of Sociology, terminating in a written report; weekly group discussions.

Prerequisite: SOC 348
2 hours a week, 1 semester, 3 credits. Spring

ANT 151 CULTURAL ANTHROPOLOGY

The basic principles, fundamental ideas and insights of cultural anthropology will be examined through comparative ethnographic accounts. The view of humans as both the products and creators of their culture will be explored through an analysis of cultural variation and culture change.

Not open to Freshmen
3 hours a week, 1 semester, 3 credits. Spring

SPEECH COMMUNICATION

Dorothy A. Kelly, D.A., *Chairperson*

Joseph D. Ross, Ph.D. *Associate Chairperson*

The purpose of speech training is to provide students with the means for effective oral communication. Some courses in the Speech Communication Department are planned so that students may develop confidence and poise, become better listeners, learn how to gain and hold attention in speech situations, acquire the means of effectively expressing their convictions and receive training in the skills of interpretative reading and character portrayal. Other courses within the department focus upon various aspects of speech-language pathology. These courses are designed to introduce students to the professions of speech-language pathology and audiology. Some courses satisfy requirements for graduate study. Training in the speech arts and sciences prepares students for a variety of careers in a society that is becoming increasingly dependent upon effective communication and more aware of people with communication disabilities.

Core Courses: Speech Communication 102 is the recommended core course for freshmen and is prerequisite for all speech courses. Additional 100 and 200 level speech courses with the exception of SPC 112 and SPC 115 may be used to fulfill core requirements.

Major

In keeping with the liberal arts tradition of the College, a general major is offered with courses selected from the arts and sciences of Speech Communication.

Students may major in Speech Communication under Plan A or Plan B (Teacher of Speech).

Plan A (30 Credits)

SPC 102
SPC 115
SPC 218
21 credits selected from the entire range offered and with departmental guidance according to the student's interests and needs.

Plan B (36 Credits)

SPC 102	3
SPC 115	3
SPC 132	3
SPC 135	3
SPC 212	3
SPC 217	3
SPC 218	3
SPC 219	3
SPC 224	3
SPC 340	3
SPC 410	2/3
SPC 424 or 400	3

Plan B leads to Provisional Certification as Teacher of Speech. See Education Department.

Minor

(18 credits with no more than 9 credits in 100 level courses) SPC 102, SPC 115, and SPC 218 are required. Elective courses should be selected with departmental advisement to complement the students major field of study.

Acceptance of transfer credits is at the discretion of the Chairperson.

Bilingual Option: Major in Speech Communication and a minor in Spanish.

Students who major in Speech Communication may choose to take a sequence of courses in Spanish in order to develop bilingual skill. Six Spanish courses should be selected, with advisement from the Department; the emphasis should be on grammar, composition, and conversation.

Area of Concentration (24 Credits Required)

SPC 102, 115, and 218 are required. Additional choices should be made with departmental guidance according to the student's interests, with a maximum of 9 credits at the 100 level. Acceptance of transfer credits is at the discretion of the Chairperson.

Please note that scheduling of courses may be adjusted based upon New York State regulations in progress.

SPC 102 SPEECH COMMUNICATION

A study of the speech communication process - its basic theories and principles and their application in guided speech experiences, including public speaking, interpretative reading and group discussion.

3 hours a week, 1 semester, 3 credits. Fall and Spring

SPC 112 INTRODUCTION TO SIGN LANGUAGE

Introduction to basic sign language with emphasis on the development of expressive and receptive signing skills. Exploration of the fundamentals of deaf culture, American Sign Language, and the models of communication used by deaf persons.

This course may not be offered for the Core Curriculum.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall

SPC 115 VOICE AND DICTION

Designed for the acquisition of improved pronunciation and articulation. Types of inflection and vocal projection are studied and practiced.

This course may not be offered for the Core Curriculum.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall

SPC 132 FUNDAMENTALS OF ACTING

Fundamentals of acting including character analysis and pantomime. Improvisations and theatre games will provide opportunities for the application of theory.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Spring 2001

SPC 135 FUNDAMENTALS OF PLAY PRODUCTION

A study of the principles involved in the mechanical aspects of play production: organization and direction of amateur dramatic groups; practice in stage design and the business of house management.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall 2000

SPC 204 INTERPERSONAL COMMUNICATION

A study of interpersonal communication dynamics; an examination of communication theory as it relates to various social and work situations; student participation in interpersonal experiences.

Prerequisite: SPC 102

3 hours a week, 1 semester, Spring 2001

SPC 205 CROSS-CULTURAL COMMUNICATION

An introduction to the sociological and psychological factors that influence communication among people of different cultures. Lecture discussion will focus on developing an understanding of the all-too common barriers to effective communication found today in business, teaching, social work, government, etc.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Offered when there is sufficient student demand

SPC 206 BUSINESS AND PROFESSIONAL COMMUNICATION

The study of speech communication in business, professional and community organizations. Group discussion, interviews, listening skills, resumes, and the planning of presentations and meetings are emphasized.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall 2000

SPC 208 LISTENING THEORIES AND APPLICATIONS

A study of the process of listening: theories, components, and factors impacting its effectiveness. Special attention given to application of theory and the building of listening skills.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall 1999

SPC 212 PHONETICS

Detailed study of the phonemes of English; transcription of standard and non-standard pronunciation and dialects in the international Phonetic Alphabet.

Prerequisite: SPC 102

2 hours and 1 laboratory hour a week, 3 credits. Spring

SPC 217 ORAL INTERPRETATION OF LITERATURE

The aim of the course is to stimulate the appreciation of literature through study and practice in the oral interpretation of poetry, narrative prose and dramatic literature.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Spring 2000

SPC 218 NORMAL LANGUAGE DEVELOPMENT

An intensive study of typical language development, theory and practice as advocated by leading researchers in the field.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall 1999, Spring 2000, 2001

SPC 219 SPEECH-LANGUAGE PATHOLOGY I

A study of the causes and symptoms of speech and language disorders. Functional disorders are given special emphasis.

Prerequisite: SPC 218

3 hours a week, 1 semester, 3 credits. Spring 2000, Fall 2000

SPC 224 CHILDREN'S LITERATURE AND ORAL EXPRESSION

An appreciation of our rich heritage of children's literature through exposure to noted stories, authors and illustrators (both historic and modern). Experiences in storytelling and creative interpretation of children's literature through various media.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall and Spring

SPC 225 PSYCHOLOGY OF SPEECH COMMUNICATION

The psychological study of communication including the nature, origins and functions of speech, processes in the acquisition of language, pathologies of linguistic behavior, psycholinguistic theories, changes in language and psychological factors in individual and group communication situations.

Prerequisite: SPC 102

3 hours a week, 1 semester, 3 credits. Fall

SPC 320 SPEECH-LANGUAGE PATHOLOGY II

An intensive study of major speech and hearing disorders. Diagnostic and remedial techniques. Organic speech pathologies emphasized.

Prerequisite: SPC 219

3 hours a week, 1 semester, 3 credits. Fall 1999, 2000, Spring 2001

SPC 340 AUDIOLOGY

A study of the of the nature of hearing loss - its causes and prevention. Consideration of medical and surgical treatment, prosthetic devices, and educational provisions. Study of diagnostic and rehabilitative techniques.

Prerequisite: SPC 410 or permission of the instructor.

2 class hours and 1 laboratory hour a week, 1 semester, 3 credits.
Spring 2001

SPC 342 AURAL REHABILITATION

Study of the basic principles of speech reading and auditory training. Methods and materials in both areas and their application in the training of the acoustically handicapped.

Prerequisites: SPC 320 and 410

2 hours a week, 1 semester, 2 credits. The student has the option of earning 1 additional credit by completing a guided research project.
Fall 1999

SPC 350 ADVANCED SPEECH COMMUNICATION

This course builds on the foundation provided in SPC 102. Emphasis on enhanced delivery skills and more sophisticated analysis of audience and selected persuasive strategies; targeting of presentations to higher level concepts, as well as specialization and professional areas.

Prerequisites: SPC 102, 115, and permission of instructor

3 hours a week, 1 semester, 3 credits. Fall 2000

SPC 400 INTERNSHIPS

An internship program will provide students with work experience in a professional setting. The work will complement academic studies while providing practical experience. The intern will work jointly with a supervisor from the work setting and a faculty member from the College. The student will spend eight hours per week in an appropriate work place which will provide typical professional experience. The student may not accept remuneration. A journal, final paper and 100 hours in the professional setting are required.

Prerequisites - Juniors or Seniors with a 2.75 cumulative index and the permission of the department. The student's talents and aptitude will be taken into consideration. The course is an elective and may be taken only once.

1 seminar hour a week, 1 semester, 3 credits. Fall and Spring

**SPC 410 ANATOMY, PHYSIOLOGY, AND NEUROLOGY OF THE
SPEECH AND HEARING MECHANISM**

Study of the anatomy, physiology, and neurology of the vocal, speech and hearing apparatus, as well as an introduction to voice and speech science.

Prerequisite: SPC 320

2 hours a week, 1 semester, 2 credits. One optional additional credit for research project. Fall 2000

SPC 422 SOUND AND THE AUDITORY MECHANISM

An intensive study of the physics and acoustics of sound as related to human communication.

Prerequisites: SPC 340, 410

3 hours per week, 1 semester, 3 credits. Spring 2000

SPC 424 CLINICAL PROCEDURE AND PRACTICE

Case demonstrations in diagnosis and remedial treatment. Supervised observations in clinical work.

Prerequisites: SPC 320, 340, 410

2 class hours and 2 laboratory hours per week, 3 credits. Spring

CO-CURRICULAR WORKSHOP IN DRAMATICS may be offered for academic credit in accordance with the policy that "students may earn 1/2 academic credit per semester for a total of two credits toward the degree for participation in Art Club, Chapel players (Dramatics), Men's/Women's Varsity Basketball and Yearbook." Consult the Moderator and Director of Chapel Players.

INTERDISCIPLINARY COURSES

The courses listed in this section are interdisciplinary in nature. The departments to which they may be credited are listed.

ENG 112 CLASSICAL LITERATURE

CLA 112

A study of the human experience as reflected in the work of the great classical writers, such as the authors of the *Bhagavid Gita* and *Gilmagesh*, as well as Homer, Hesiod, Sophocles, Cicero and Virgil. The influence of the classics on western literature will also be examined. This course may be credited to Classics or English.

3 hours a week, 1 semester, 3 credits. Spring 2000

HIS 122 THE GLORY THAT WAS GREECE:

CLA 122 THE GRANDEUR THAT WAS ROME

An in-depth study of the Greco-Roman culture and civilization. Special attention will be given to the political, social, economic and cultural life of both peoples against the world setting in which they both rose, flourished and declined. This course may be offered for History or Classics requirement.

3 hours a week, 1 semester, 3 credits. Fall

HUM 102 THE CATHEDRAL OF BOURGES

An interdisciplinary course involving the artistic, cultural, philosophical, scientific, and socio-literary dimensions of a single treasure: the Cathedral of Bourges.

This course may be offered toward the Humanities requirement of the Core Curriculum.

2 or 3 credits. Offered when there is sufficient student demand.

HUM 103 DESIGN FOR COLLEGE LEARNING

An introduction to college life and learning for freshmen. Through an exploration of topics selected from various disciplines, this course assists students to develop their skills of analytical reading, critical thinking, and oral and written communication.

This course may not be offered for the core curriculum.

3 hours a week, 1 semester, 3 credits. Fall

LA 104 HONORS ONE

Designed for freshmen in the honors program, this seminar introduces some of the subject areas that make up a liberal arts education. Through guest speakers, reading and discussion, students will gain a perspective on different disciplines.

1 hour a week, 1 credit. Fall

LA 109 ADVANCED READING

An elective course designed to enhance skill in reading a variety of college-level materials. Strategies and practice in comprehending, analyzing, drawing inferences, and evaluating written works.

2 hour a week, 1 semester, 2 credits. Intersession

PHI 154 SOURCES OF GREAT WESTERN IDEAS
CLA 154

This course undertakes a study of the classical origins of Western philosophy in Greece and Rome with a special emphasis on its relevance to Modern times. Readings may include literature, drama, poetry, as well as the classic Greek philosophical texts in an examination of such foundation concepts as nature, self, soul, and virtue.

Course may be credited to Philosophy or to the Classics.

3 hours a week, 1 semester, 3 credits. Spring

SCI 101 THE ASCENT OF MAN
HUM 101

Based on the work of Dr. Jacob Bronowski, this course traces the development of science and arts as expressions of the special gifts that characterize Homo sapiens and that have made the human species unique among the animal species. Emphasis is placed on processes of thought and imagination which are involved in the various attempts made by humans to analyze and understand the nature of the universe and of themselves.

This course may be offered for the core curriculum requirements as a non-lab science course, or as a course in the humanities.

1 hour lecture, 2 hours guided study a week.

3 credits. Fall

SCI 130 CHEMISTRY AND NUTRITION

This investigation of the chemicals in the diet includes nutrients and their sources, vitamins, food additives. Some of these chemicals are studied in terms of their reactions and interactions in metabolic pathways. Contemporary diets and "fast foods" are evaluated, and disorders related to improper diet are considered.

This course is appropriate to satisfy non-laboratory science core course requirements.

Not open to students who have completed SCI 135.

3 hours a week, 1 semester, 3 credits. Intersession

SCI 135 CHEMISTRY IN NUTRITION AND PERSONAL HEALTH

A basic nutrition course in which the roles of nutrients, vitamins, minerals, and fiber are considered in the context of personal health. The non-science major will evaluate diets, health foods, 'junk' foods, and calorie expenditures.

Not open to students who have completed SCI 130.

2 hours lecture, 2 hours laboratory a week, 1 semester, 3 credits.

Fall

Lab fee-\$30

AREA STUDIES

Students interested in the following areas will find the course descriptions in the department listings.

American Studies

English 257	Colonial and Early National American Literature
English 258	American Renaissance
English 259	Modern American Novel
English 401	Junior Survey of American Literature
History 170	American Heritage I (1763-1877)
History 172	American Heritage II (1877-Present)
History 310	American Foreign Policy
History 321	American Social and Intellectual History
History 331	The American Colonial Experience 1607-1789
History 335	American Civil War and Reconstruction
Music 104	Evolution of American Music
Pol. Sc. 103	American Government and Politics
Pol. Sc. 104	State and Local Government
Pol. Sc. 203	Political and Civil Rights
Pol. Sc. 225	American Presidency
Pol. Sc. 280	Constitutional Law
Pol. Sc. 293	American Urban Politics
Pol. Sc. 353	American Political Theory
Soc. 249	Race and Ethnic Relations
Soc. 265	Sociology of Popular Culture

Creative Expression

The following are all studio workshop courses.

Art 163	Crafts as an Art Form
Art 183	Drawing
Art 184	Painting
Art 185	Art as Communication
Art 186	Ceramics
Art 287	Interior Design
Art 290	Ceramic Sculpture
Art 291	Studio Techniques
Dance 103	Dance Through the Ages
English 105	Creative Writing
English 107	Fiction Writing

Drama and Theatre

English 113	Introduction to Drama
English 332	Shakespeare
Speech 132	Fundamentals of Acting
Speech 135	Fundamentals of Play Production

Latin American Studies

History 250	Latin America
Spanish 212	Readings in Latin American Literature and Culture
Spanish 232	Latin America: Culture and Civilization
Spanish 263	Survey of Spanish American Literature
Spanish 320	Spanish American Poetry from "Modernismo" to the Present

Russian Studies

History 231	Medieval Russia
History 232	Modern Russia

Urban Studies

History 154	Urban Civilization: Then and Now
Pol. Sc. 104	State and Local Government
Soc. 136	Social Problems
Soc. 140	Introduction to Social Work
Soc. 241	Experience in Social Work
Soc. 243	Criminology
Soc. 245	Sociology of Community
Soc. 249	Race and Ethnic Relations
Soc. 250	Sociology of Developing Countries

CERTIFICATE PROGRAMS

St. Joseph's College, Main Campus, offers the following certificate programs, which are registered with the New York State Education Department. The certificate programs allow students to combine courses in their major field and/or in electives in order to develop knowledge and skill in a particular area oriented to a career interest.

All credits for the certificate programs must be taken at St. Joseph's College; any exception would require departmental approval. A cumulative index of 2.0 is required for each certificate. Courses may not be taken on a PASS/NO CREDIT basis. Students who complete requirements for these programs will receive appropriate certificates and notations on their transcripts. Applications for certificate programs are obtained from the Registrar's Office.

Descriptions of the courses listed below may be found in the appropriate department sections of this catalogue.

CERTIFICATE IN CRIMINOLOGY/CRIMINAL JUSTICE

The program is geared towards students interested in pursuing a career within the field of criminal justice. Students will receive both theoretical and practical exposure to the system, and will develop widely applicable skills in research design and data analysis.

<i>Required Courses for Certificate</i>	24 credits
SOC 100 Introductory to Sociology	
SOC 158 Criminal Justice Administration	
POL 203 Political and Civil Rights	
SOC 243 Criminology	
SOC 244 Sociology of Corrections	
SOC 347 Sociological Theory	
SOC 348 Research Methods	
SOC 350 Applied Statistics (or equivalent)	

<i>Total Required for Certificate</i>	24 credits
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CERTIFICATE IN INFORMATION TECHNOLOGY APPLICATIONS

This certificate is designed to provide an introduction to the computer and its applications. Specifically, students will learn common uses of the computer such as word processing, will develop programming skills, and will apply this knowledge to frequently encountered tasks within their professional areas.

<i>Required Courses for Certificate</i>		6 credits
COM 140	Microcomputer Applications I (if needed)	
COM 141	Microcomputer Applications II	

<i>Elective Courses for Certificate</i>		6 credits
COM 150	Introduction to Computers	
- or -		
COM 152	Computer Programming	
- or -		
COM 286 (BUS 286)	Business Programming I	
COM 288 (BUS 288)	Business Systems and Design	
COM 205	Multimedia and Internet Technologies	
ART 267	Design Workshop	
Elective Computer Course (selected with departmental approval)		

Total Required for Certificate 12 credits
 (A minimum of 12 credits toward this certificate must be taken at St. Joseph's College. Exceptions require department approval.)

CERTIFICATE IN GERONTOLOGY

This program of multidisciplinary studies in the field of aging will enable students pursuing various careers to function more effectively as service providers to older adults.

<i>Required Courses for Certificate</i>		9 credits
CHS 451	Gerontology	
PSY 230	Adult Development and Aging (Prerequisite: PSY 100)	
RS 145	Theology of Death and Dying	

An Approved Gerontological Field/Clinical Experience		3 credits
PSY 370	Introduction to Clinical Psychology (Prerequisite: PSY 100, 271, permission of instructor)	
SOC 241	Experience in Social Work (Prerequisite: SOC 140)	

Total Required for Certificate 12 credits

CERTIFICATE IN LEADERSHIP AND SUPERVISION

This certificate is designed to improve supervisory and managerial effectiveness. Through selected courses and a case-study orientation, the participants will learn to apply prominent theories and practices in employee management and development to commonly encountered problems and situations.

Required Courses for Certificate 9 credits

BUS 100 Process of Management

BUS 130 Organizational Behavior
(Prerequisite: BUS 100)

BUS 230 Human Resources Management
(Prerequisite: BUS 100)

Elective Courses for Certificate-select one course 3 credits

ECO 221 Labor Economics
(Prerequisite: ECO 120)

PSY 280 Industrial Psychology

Total Required for Certificate 12 credits

CERTIFICATE IN MANAGEMENT

This program is designed to educate students for the management of organizations in the business, non-profit, or public sectors; the latter includes the operations of the federal, state, and local government. It is available to students pursuing any major.

Required Business Courses 12 credits

BUS 100 Process of Management

ACC 110 Principles of Accounting

BUS 130 Organizational Behavior
(Prerequisite: BUS 100)

BUS 230 Human Resources Management
(Prerequisite: BUS 100)

Elective Business Courses 9 credits

Three additional courses in Business

Required Courses in Related Fields 6 credits

ENG 103 Writing for Effective Communication

COM 140 Microcomputer Applications I (preferred) or

COM 150 Introduction to Computer Programming

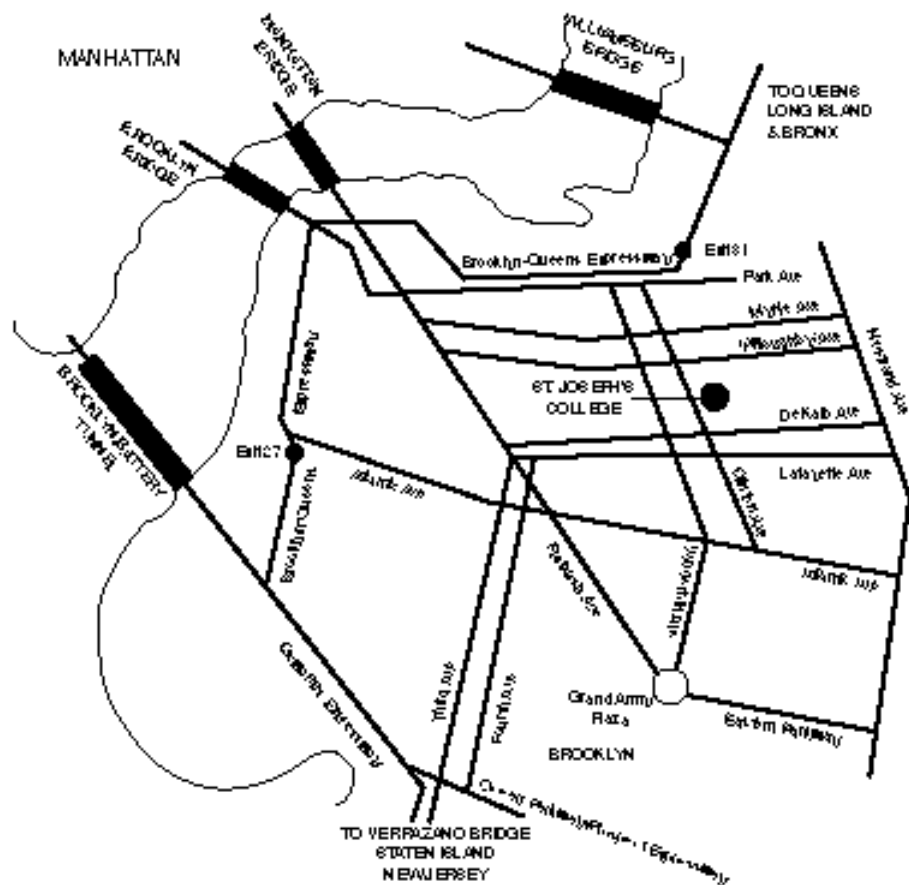
Total Required for Certificate 27 credits

CERTIFICATE IN MARKETING, ADVERTISING, AND PUBLIC RELATIONS

This 12 credit certificate has been developed to provide essential knowledge and skills in the interrelated areas of marketing, advertising, and public relations. There are two components to the certificate program. The first is composed of three required courses, and the second is an elective course which enables students to direct their learning in support of their professional objectives.

<i>Required Business Courses</i>	9 credits
BUS 200 Marketing	
BUS 204 Marketing Promotion and Advertising	
BUS 208 Public Relations	
<i>Elective Business Courses</i>	3 credits
Choose one of the following:	
BUS 206 Marketing Research	
BUS 210 Consumer Motivation and Behavior	
ART 267 Design Workshop	
<i>Total Required for Certificate</i>	12 credits

Area Map of Clinton Hill and Downtown Brooklyn



St. Joseph's College is located in the Clinton Hill section of Brooklyn. The College may be reached via:

BUS

DeKalb Ave. Bus (B38) to Clinton Ave.
 Crosstown Bus (B61) to Vanderbilt Ave.
 Myrtle Ave. Bus (B54) to Clinton Ave.
 Flushing Ave. Bus (B57, B62) to Vanderbilt Ave.
 Vanderbilt Ave. Bus (B69) to DeKalb Ave.
 Nostrand Ave. Bus (B44) to DeKalb Ave.
 Transfer to B38.
 Flatbush Ave. Bus (B41) to Vanderbilt Ave.
 Transfer to B69.

SUBWAY

G to Clinton-Washington Station.
 A to Hoyt-Schermerhorn, Transfer to G
 D, M, N, Q, R to DeKalb Station
 Take B38 bus to Clinton Ave.
 E, F to Queens Plaza, Transfer to G

CAR

Brooklyn Queens Expressway: Exit 31, Wythe-Kent, from Queens, or Exit 27, Atlantic Ave. from Brooklyn

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Suffolk Campus

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Thomas Wendt, M.A.

Protestant and Jewish clergy from the Patchogue area offer their services to students.

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- Seth Armus, Assistant Professor of History
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B.A., St. Francis College; M.B.A., Advanced Professional Certificate, New York University
- Kenneth Bauzon, Associate Professor of Political Science
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- Josephine Belloso, Assistant Professor of Art
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- William F. Bengston, Professor of Sociology
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- Herbert J. Bernstein, Associate Professor of Mathematics/Computer Science
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- Allan Bock, Assistant Professor of Business
B.S., C.W. Post Center of Long Island University; M.B.A., Dowling College; C.P.A.
- Jennifer Gerdes Borek, Assistant Professor of Education
B.A., Southern Illinois University, Carbondale; M.A., Southern Illinois University, Edwardsville; Ph.D., Saint Louis University
- Patti Bottino, Assistant Professor of Speech Communication
B.A., M.S., Brooklyn College, C.U.N.Y.; CCC-SLP
- Lorraine Boykin, Professor of Community Health & Human Services
B.S., M.S., Virginia State College; M.A., New York University; M.S., Long Island University; Ed.D., Columbia University
- Laurel Breen, Instructor of Nursing
R.N., B.S.N., College Misericordia; M.A., New York University
- Monica Brennan, Professor of History
B.A., M.A., Portland State University; Ph.D., S.U.N.Y., Stony Brook
- Karen Brunschwig, Assistant Professor of Spanish
B.A., University of Rochester; M.A., University of Michigan
- S. Margaret Buckley, Academic Dean and Professor of Education
B.A., St. Joseph's College; M.A., Ed.D., Columbia University
- S. Karen Burke, Assistant Professor of Child Study
B.A., St. Joseph's College; M.S., College of New Rochelle; Ph.D., St. John's University
- S. Teresa Avila Burke, Professor of History
B.A., College of New Rochelle; M.A., Ph.D., Columbia University
- S. Mary Florence Burns, Vice President for Academic Affairs and Professor of English
B.A., St. Joseph's College; M.A., St. John's University; Ph.D., Columbia University
- S. Elizabeth Calfapietra, Assistant Professor of Child Study
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- Rev. John A. Gilvey, Assistant Professor of Speech Communication
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- George Giuliani, Assistant Professor of Psychology
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M.A., Seminary of the Immaculate Conception
- Michael J. Hanophy, Assistant Professor of Biology
B.S., Fairfield University; M.S., M.Phil., Ph.D., St. John's University
- Jan Harting-McChesney, Assistant Professor of Child Study
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- Paul Hawryluk, Professor of Psychology
B.A., Hofstra University; M.A., Fairleigh Dickinson University; M.A., Ph.D., Adelphi University
- Carol J. Hayes, Professor of Biology
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B.A., Houghton College; M.A., Adelphi University
- Peter Hennes, Instructor of Mathematics
B.A., Universitat zu Koln, Cologne, Germany; M.A., Ph.D. Cand., S.U.N.Y., Stony Brook
- Mark Hessler, Associate Professor of History
B.A., Southampton College; M.A., Ph.D., S.U.N.Y., Stony Brook
- S. Elizabeth A. Hill, President
B.A., St. Joseph's College; M.A., Columbia University; J.D., St. John's University School of Law
- S. Joan Hroncich, Assistant Librarian
B.S., Brentwood College; M.A., Middlebury College
- Nadine Istepanyan, Preschool Teacher
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- Eileen White Jahn, Assistant Professor of Business
B.A., S.U.N.Y., Binghamton; M.B.A., New York University
Ph.D., Graduate Center of the City University of New York
- Barbara M. Janusz, Registrar, Brooklyn Campus
B.S., St. Joseph's College
- Margaret Jennings, Professor of English
B.S., Brentwood College; M.A., University of North Carolina; Ph.D., Bryn Mawr
- Florence L. Jerdan, Assistant Professor of Nursing
R.N.; B.A., Southampton College of Long Island University;
B.S.N., S.U.N.Y., Stony Brook; M.A., New York University;
P.h.D., Adelphi University

190 Registers

Marilyn Kalyvas, Associate Professor of Child Study

B.S., City College of New York; M.S., Hofstra University;
Ed.D., Columbia University

S. Helen Kearney, Director of Dillon Child Study Center and Dillon Instructor of Child Study

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Dorothy A. Kelly, Associate Professor of Speech Communication

B.S., S.U.N.Y., Buffalo; M.A., Hofstra University; D.A., Adelphi University;
ASLHA Certification

S. Karen Kenney, Assistant Professor of Child Study

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New York State Certification as School Administrator and Supervisor

Tae Sook Kim, Assistant Professor of Nursing

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Jill Levin, Associate Professor of Child Study

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Ed.D., Nova University

S. Mary Maier, Professor of Chemistry

B.S., St. John's University; M.S., University of Detroit; Ph.D., University of
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S. Myra Paul Mansfield, Assistant Professor of History

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S. John Raymond McGann, Professor of Education and Assistant to the
President for the Suffolk Campus

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University; L.H.D., Niagara University

- Ted McGlone, Associate Professor of Economics
B.A., New York University; Ph.D., University of Utah
- S. Loretta McGrann, Academic Dean and Professor of English
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- Elizabeth McKaigney, Assistant Professor of Business
B.S., Fordham University; M.B.A., Adelphi University
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B.A., St. Joseph's College; M.S., Fordham University
- Louise McVicker, Preschool Teacher
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B.A., St. Joseph's College; M.A., Hunter College; M.S., Columbia University
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- Irene Nebel, Director of Counseling and Career Services, Brooklyn Campus
B.S., Towson State University; M.S., Hofstra University
- Stanley A. Nevins, Professor of Philosophy
B.A., Manhattan College; M.A., Ph.D., Fordham University
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J.D., St. John's University School of Law
- Ralph Nofi, Assistant Professor of Business
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- Cynthia Parrett, Assistant Professor of Music
B.S., Brentwood College; M.M., Catholic University of America
- Lauren Grace Pete, Assistant Professor of Health Administration
B.A., M.A., City College, C.U.N.Y.; J.D., Benjamin Cardozo School of Law,
Yeshiva University; M.Phil., Ph.D., City University Graduate Center, C.U.N.Y.
- Thomas I. Petriano, Assistant Professor of Religious Studies
B.A., Cathedral College; M.Div., Seminary of the Immaculate Conception;
Ph.D., Fordham University
- Andrew Quinn, Assistant Professor of Psychology
B.A., M.S., St. John's University; Ph.D., Fordham University
- Mohammad Afzal Rana, Associate Professor of Biology
B.S., M.S., Punjab University; Ph.D., University of London

192 Registers

- Jill Rehmann, Assistant Professor of Chemistry
B.A., Reed College; M.S., M.Phil., Ph.D., Columbia University
- Marc Ricciardi, Assistant Professor of English
B.A., Fordham University; M.A., Ph.D., New York University
- Anna Bess Robinson, Director of Counseling and Career Services, Suffolk Campus
B.A., Randolph-Macon Women's College; M.Ed., Rutgers University;
Ed.D., Columbia University
- Mary Elizabeth Rohan, Director of Admissions, Brooklyn Campus
B.A., Queens College, C.U.N.Y.
- Susan Rooney, Assistant Professor of Child Study
B.A., Marymount; M.A., P.D., Adelphi University; Ph.D., Hofstra University
- Louise S. Rose, Assistant Professor of English
B.A., Sarah Lawrence College; M.A., Columbia University
- Joseph D. Ross, Assistant Professor of Speech Communication
B.A., Rider College; M.A., Emerson College; Ph.D., University of Maryland
- Toni Ross, Assistant Professor of Nursing
R.N.; B.S.N., Molloy College; M.S., Ph.D., Adelphi University
- John Roth, Vice President for Finance
B.S., M.B.A., St. John's University
- S. Grace Edna Rowland, Assistant Professor of Speech Communication
B.S., Brentwood College; M.A., Adelphi University
- Moir E. Royston, Associate Professor of Biology
B.S., St. Joseph's College; M.A., Queens College, C.U.N.Y.; Ph.D., St. John's University
- Sal G. Rumore, Assistant Professor of Business
B.S., New York University; J.D., New York Law School; C.P.A.
- Maria T. Russo, Assistant Professor of Community Health
B.S.N., Cornell University-New York Hospital; M.A., Teachers College, Columbia University; Ph.D., New York University
- Marian Russo, Director of Student Services, Suffolk Campus
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- Alice Ryan, Assistant Professor of Child Study
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- S. Teresa Ryan, Assistant Professor, Library
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- Barbara Sands, Associate Professor of Nursing; Director of Nursing Program
R.N.; B.A., Long Island University; B.S., Salem State College; M.S., Boston University; Ph.D., Adelphi University
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- Margaret Ducharme, Lecturer in English
B.A., M.A., University of Windsor, Ph.D., University of Toronto
- J. Lynn Evans, Lecturer in Education and Speech
B.S., M.S., James Madison University
- Edward Grant, Senior Lecturer in Computer Science
B.A., Fordham College; M.S., St. John's University
- Maureen Griffin, Lecturer in Education
B.A., St. Joseph's College; M.A., Brooklyn College, C.U.N.Y.
- Oona Haaranen, Senior Lecturer in Dance
B.F.A., The Juilliard School; M.A., City College of New York
- Kim E. Johnson, Lecturer in Psychology
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- Maryanne Maffei, Lecturer in Italian
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- Vincent Maione, Lecturer in History
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Stanley Stoopler, Lecturer in Accounting

B.A., Brooklyn College, C.U.N.Y.; M.B.A., Adelphi University

Mary McLaughlin Treacy, Lecturer in Child Study

B.S., Brentwood College; MS., College of St. Rose; P.D., Ph.D.,
Fordham University

John F. Waters, Senior Lecturer in Computer Science

B.S., M.S., Manhattan College

Christine Nuzio Wisniewski, Lecturer in Spanish

B.A., Adelphi University; M.A., New York University

Dillon Child Study Center

S. Helen Kearney, Ph.D., Director

S. Patricia Dittmer, MS., P.D.	Head Teacher
Linda Fisk, M.S.	Head Teacher
Nadine Istepanyan, M.S.	Head Teacher, Inclusion Class
Pamela McNeela, M.S.	Head Teacher
Mary Meade King, M.A.	Coordinator, Inclusion Class
Louise McVicker, M.A.	Head Teacher
Eileen O'Donnell, M.S.	Head Teacher
Elizabeth Burke	Assistant Teacher
Margaret Donovan	Assistant Teacher, Inclusion Class
Debra Gonsalves	Assistant Teacher
Sameena Rahman, B.A.	Assistant Teacher
Liane VanSlyck	Assistant Teacher

Standing Committees of the College

List of committees and chairpersons will be found in *Faculty and Student Handbooks*.

Alumni Association

The College is committed to the belief that its responsibility to its graduates never ends. For this reason, it supports Alumni religious, cultural, and social activities wholeheartedly and offers to the Association the use of its facilities and the benefit of its assistance. The Alumni Office is located at 256 Clinton Avenue at the Main Campus, with a representative at the Suffolk Campus.

The Alumni Association of St. Joseph's College is organized to promote the interest of the College by continuing the close relationship between the college and its former students that was developed during their undergraduate days. Its membership includes all those upon whom the College has conferred a degree and those who have matriculated and indicated a desire to remain associated with the College.

It is governed by an Executive Board composed of 23 elected alumni, who work in conjunction with the Director of Alumni Relations. The Alumni Association provides a scholarship aid program for sons and daughters and other relatives of alumni at the discretion of the Alumni Scholarship Fund Committee. A magazine, *Alumnigram*, is published twice yearly for the more than 14,000 active alumni.

INSTRUCTIONAL PROGRAMS

Enrollment in other than registered or otherwise approved programs may jeopardize a student's eligibility for certain student aid awards. The following programs have been registered by the New York State Education Department for St. Joseph's College Main Campus in Brooklyn.

Program Title	HEGIS Code	Degree Awarded	Certificate/License Title	Type
Biology	0401	BA	Biology 7-12	Prov
Biology	0401	BS	Biology 7-12	Prov
Business Administration, Accounting	0502	BS	CPA	Lic Qual
Business Administration	0506	BS		
*Organizational Management	0515	BS		
Elementary Pre K-6 Teachers of Special Education	0802	BA	Pre K-6	Prov
Elementary Pre K-6 & Special Educ	0808	BA	Special Ed	Prov
French	0808	BA	Pre K-6	Prov
Spanish	1102	BA	Special Ed	Prov
*Health Administration	1105	BA	French 7-12	Prov
*Nursing	1202	BS	Spanish 7-12	Prov
*Community Health and Human Services	1203.10	BS		
Child Study	1299	BS		
English	1305	BA		
Speech	1501	BA	English 7-12	Prov
Speech	1506	BA		
Mathematics	1506.01	BA	Speech	Prov
Mathematics	1701	BA	Mathematics 7-12	Prov
Chemistry	1701	BS	Mathematics 7-12	Prov
Chemistry	1905	BA	Chemistry 7-12	Prov
Psychology	1905	BS	Chemistry 7-12	Prov
Recreation	2001	BA		
Social Sciences	2103	BS		
Human Relations	2201	BA		
History	2201	BA		
*General Studies	2205	BA	Social Stud 7-12	Prov
*Management	4901	BS		
	050.6	MS		

*Administered through the School of Adult and Professional Education

INSTRUCTIONAL PROGRAMS

Program Title	HEGIS Code	Degree Awarded	Certificate/License Title	Type
**Marketing, Advertising & Public Relations	5004	CERT		
**Management	5004	CERT		
**Leadership & Supervision	5004	CERT		
*Human Resources	5004	CERT		
*Training & Staff Development	5099	CERT		
**Information Technology Applications	5101	CERT		
*Health Instruction	5201	CERT		
*Health Care Management	5299	CERT		
*Home Care Administration	5299	CERT		
*Hospice	5299	CERT		
**Criminology/ Criminal Justice	5505	CERT		
*Counseling	5506	CERT		
Applied Sociology	5506	CERT		
*Alcoholism & Addictions Counseling	5506	CERT		
**Gerontology	5506.20	CERT		

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**Available in both the School of Arts and Sciences and the School of Adult and Professional Education

Estimated Number of Part-Time Faculty Brooklyn Campus

Art	0	Mathematics	4
Biology	0	Music	
Business/Accounting	3	Philosophy	0
Chemistry	0	Physical Education	2
Child Study	8	Physics	1
Dance	1	Political Science	1
Economics	1	Psychology	3
Education	6	Religious Studies	3
English	2	Sociology/Anthropology	3
French/Italian	2	Spanish	
History	1	Speech Communication	3

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